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MISSISSIPPI RIVER COMMISSION.

STAGES

—OF THE—

MISSISSIPPI RIVER

—FROM—

CAIRO TO CARROLLTON,

1871-1886.,

—PRELIMINARY TO—

Stages of the Mississippi and its Tributaries.

U. S. A.

REVISED AND RE-ISSUED, 1893.

Mississippi River Commission, print.

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SECOND EDITION OF STAGES MISSISSIPPI RIVER, CAIRO TO CARROLLTON, TO DECEMBER 31, 1886.

OFFICE OF THE SECRETARY, *Nov. 1893.*

THE tables are printed from the stereotype plates of first edition with several corrections of typographical errors.

THE text of first edition is re-printed without change, but with additional information and notes.

THE U. S. Engineer gauges herein have been maintained continuously since 1886; also, five of the M. R. C. gauges; periods of the others are noted.

FOR full list of published records of these stations see M. R. C. pamphlet of "Stages" for 1892.

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* New value 36.89. † New value 116.44. ‡ New value 275.8.

DESCRIPTION AND ELEVATION OF BENCHMARKS.

The Cairo datum Plane is 337.931 feet below U. S. P. B. M. 1, 1876, at Cairo, Ill., Survey of the Mississippi River. (For description of this bench see page xix.) The preliminary value of mean Gulf level at Biloxi, Miss., is 21.26 feet above the Cairo datum plane.

The readings given in the tables are heights of the water surface, in feet and hundredths of a foot, above the zero of the gauge.

The M. R. C. gauges were read twice daily, at 6 a. m. and 6 p. m., and the means tabulated.

The Engineer gauges were read once a day, at 8 a. m.

CARROLLTON, LA.—U. S. Engineer Gauge.

Distance from Cairo.....957 miles. L.

Gauge established January, 1872. Zero of gauge 20.91 feet above Cairo Datum Plane. The zero of the gauge used in the Delta Survey was at the same elevation as near as can now be determined.

The gauge is referred to the following benchmarks:

B. M. No. 3, (Ripley, 1875.) The top of a broken spike driven into the north face of the car-house of the New Orleans and Carrollton Railroad; said spike is 8.5 inches west of the west side of the door and on a level with the course of bricks upon which the door-sill rests.

Elevation above zero of gauge 11.16 feet.

B. M. No. 4, (Ripley, 1875.) The top of a ship-spike driven in the north side of the machine-shop of the New Orleans and Carrollton Railroad, 0.2 feet from the northwest corner; said spike is driven between the bricks, 37 courses from the top of the window casing.

Elevation above zero of gauge 10.32 feet.

B. M. No. 5, (Burney, 1875.) Is a mark cut on the west end of iron sill of the north door of the New Orleans and Carrollton Railroad depot.

Elevation above zero of gauge 8.72 feet.

U. S. P. B. M., "Carrollton." Is the centre of small hole in centre of copper bolt leaded horizontally in north face of masonry of north-

west corner pillar of old court-house at Carrollton, La. The bolt is in the middle, about 0.03 feet from water-table and about 2.5 feet above the ground. The letters U. S. P. B. M. are cut near the bolt.

Elevation above zero of gauge 9.10 feet.

NOTE.—B. Ms 3 and 4 reported in 1889, by Ass't Ewens, to be unreliable.
B. M. 5. Reported destroyed with building in 1892.

COLLEGE POINT, LA.—M. R. C. Gauge.

Distance from Cairo.....904.5 miles. L.

Gauge established December, 1879, and discontinued September 30, 1885. Zero of gauge 21.24 feet above Cairo Datum Plane.

The gauge is referred to the following benchmark :

B. M. XIII, (C. and G. S.) Is a horizontal line cut in the iron post on the south side of the gateway in front of Jefferson College, on College Point. The post is marked with the letters XIII U. S. B. M. LXXX.

Elevation above zero of gauge 25.54 feet.

NOTE.—U. S. P. B. M. XIII, as further described in 1893: "Is a horizontal line cut on two sides of S. E. corner of iron post near S. E. side of large gateway in front of Jefferson College on College Point, La. The post stands between the carriage and small gateways, 3.8 feet west of brick buttress and 17.8 feet east of brick buttress between which lie the gateways. The B. M. mark is 4.9 feet above brick foundation on which iron post stands. The marks on post are very indistinct The ground outside of levee is about 21.5 feet above zero of gauge."
Gauge re-established November, 1888.

PLAQUEMINE, LA.—M. R. C. Gauge.

Distance from Cairo.....854.1 miles. R.

Gauge established November, 1879, and discontinued May 31, 1885. Zero of gauge 21.06 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks :

B. M. No. 1. Is a spike on the northeast corner of a one story brick house, which is the second one from the levee. House owned by Mrs. Donnois. The bench is marked by the letters U. S. B. M.

Elevation above zero of gauge 28.00 feet.

B. M. A. The outer corner of iron sill of south door-way of Roth & McWilliams' store. Marked "A" with tacks on woodwork.

Elevation above zero of gauge 27.32 feet.

B. M. B. Is spike driven between bricks on northeast corner of front face of old building owned by N. L. Bruce. The letter B cut on brick near benchmark.

Elevation above zero of gauge 27.56 feet.

NOTE.—The records prior to Aug. 1883 are somewhat doubtful. This gauge was re-established at same elevation, December 1, 1888. B. M. No. 1 was reported destroyed in 1892.

BATON ROUGE, LA.—U. S. Engineer Gauge.

Distance from Cairo.....833.3 miles. L.

Gauge established December, 1871. Zero of gauge 20.06 feet above Cairo Datum Plane, and 1.1 feet below zero of Delta Survey gauge.

The gauge is referred to the following benchmarks :

B. M. XXXI. Is the edge of one of the foundation courses on the tower on the north side of the western entrance to the State house. It is marked U. S. E.

Elevation above zero of gauge 62.59 feet.

B. M. No. 2. Top of the inner cap (at southwest corner) that covers the pediment on which rests the seventh post on the west side from the northwest corner of the fence surrounding the State house. It is marked U. S. E.

Elevation above zero of gauge 34.77 feet.

B. M. No. 4, (Van Pelt, 1873.) Top of stone at boundary line between United States garrison and city property.

Elevation above zero of gauge 34.11 feet.

PORT HICKEY, LA.—M. R. C. Gauge.

Distance from Cairo.....810 miles. L.

Gauge established November, 1879, and discontinued June 30, 1885. Records prior to 1881 not reliable. Zero of gauge 13.68 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks :

B. M. No. 2, (Hider, 1881.) Is spike in root of thorn tree standing 8 metres south of inclined railroad and two-thirds the way up the bluff. Tree marked U. S. B. M. 2.

Elevation above zero of gauge 79.69 feet.

B. M. No. 3, (Hider, 1881.) Is spike in root of thorn tree situated about half the way up the hill north of inclined railway leading from landing to top of bluff. Tree blazed and marked U. S. B. M. 3.

Elevation above zero of gauge 72.38 feet.

RED RIVER LANDING, LA.—U. S. Engineer Gauge.

Distance from Cairo.....765.3 miles. R.

Gauge established December, 1871. Zero of gauge 23.85 feet above Cairo Datum Plane. No connection has been made between the Delta Survey gauge and the present one.

The gauge is referred to the following benchmark :

B. M. $\frac{149}{3}$. Is top of stone post on inner edge of top of levee, 1550 metres above store at Red River Landing. It is at an angle in levee

directly in line with a prominent road running back across the cotton fields. It is 180 metres on the azimuth, 138° 20′ from a church near the levee and above Torras' store.

Elevation above zero of gauge 48.77 feet.

NATCHEZ, MISS.—U. S. Engineer Gauge.

Distance from Cairo.....700.3 miles. L.

Gauge established December, 1871. Zero of gauge 36.83 feet above Cairo Datum Plane, and 4.7 feet above zero of Delta Survey gauge.

The gauge is referred to the following benchmarks:

B. M. No. 2, (Merrill, 1871.) A copper tack driven into the southwest end of the door-sill of Mr. Cann's house, near the ferry.

Elevation above zero of gauge 51.41 feet.

B. M. No. 3, (Babbit, 1874.) On iron step, Fulton street, on Ray & Grant's store.

Elevation above zero of gauge 63.79 feet.

NOTE.—Present value, adopted in 1888, for zero, is 36.89 feet above Cairo Datum Plane. The relation to Delta Survey gauge is doubtful.

The sill containing B. M. No. 2 was reported rotten in 1874. (Chf. of Eng'rs, 1874, p. 491.)

ST. JOSEPH, LA.—M. R. C. Gauge.

Distance from Cairo.....648.3 miles. R.

Gauge established November, 1879. Record prior to February 22, 1881, not reliable. Gauge discontinued May 31, 1885. Zero of gauge 52.74 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

B. M. 291, (C. & G. S.) Is centre of head of copper bolt leaded horizontally in north face of brick chimney of gin-house on Duck Pond Plantation, owned by Capt. Robert Worrell. The bolt is in fifth brick from the northeast edge of chimney and in the seventh course below the projecting course. The gin-house is about 2 kilometres below St. Joseph and about 500 metres back from St. Joseph Landing.

Elevation above zero of gauge 43.67 feet.

B. M. No. 1, (Hider, 1881.) Is top of nail on north side of brick foundation under the northeast corner of gallery of Mr. Worrell's house near the landing. The letters B. M. cut near nail.

Elevation above zero of gauge 40.69 feet.

NOTE.—Re-established February 5, 1889. Same elevation as former gauge.

VICKSBURG, MISS.—U. S. Engineer Gauge.

Distance from Cairo.....599.3 miles. L.

Gauge established December, 1871. Zero of gauge 66.04 feet above Cairo Datum Plane, and about 1.4 feet above zero of Delta Survey gauge.

The gauge is referred to the following benchmarks :

B. M. No. 3, (Burney, 1874.) The projecting course of bricks near iron pillar on southeast corner of brick building, corner of South and Washington streets, belonging to John A. Klein.

Elevation above zero of gauge 158.87 feet.

B. M. $\frac{107}{1}$. Is top of marking stone at Kleinston. It is 110 metres from river bank, 90 metres east of saw-mill, 56 metres east of narrow-gauge railroad, 60 metres north of railroad running down to cotton sheds and on line of broken levee extending back to high ground. It is 1565 metres above oil-mill and 1178 metres below compress.

Elevation above zero of gauge 42.32 feet.

NOTE.—Capt. Willard, after investigation in 1890, adopts 1.32 instead of 1.4 as given, to reduce to Delta Survey gauge. Present gauge is at Kleinston, Miss., about 1¼ miles below Vicksburg.

HAYS' LDG., MISS., (Point Lookout, La.)—M. R. C. Gauge.

Distance from Cairo.....553.2 miles.

This gauge, although known as the Hays' Landing gauge, was situated on the right bank at Point Lookout. It was established December, 1881. Zero of gauge 86.05 feet above Cairo Datum Plane.

It is referred to the following benchmarks :

H. W. Mark of 1880, (Hider.) Is spike in south side of large willow tree at side of road and 125 metres below house of Mr. Abraham Bass.

Elevation above zero of gauge 36.73 feet.

Triangulation station Bass is a concrete post about 250 feet from bank and one-fourth mile below Mr. Bass' house, and is just outside a field. There is a second concrete post 227 metres back of the station, the elevation of which is not given.

Elevation of station above zero of gauge 37.70 feet.

B. M. $\frac{92}{3}$. Is top of stone marking post one-half mile below Bass' Landing. It is 115 metres from fence, 270 metres W.N.W. from lower one of four cabins lying 600 metres below Bass' Landing.

Elevation above zero of gauge 36.78 feet.

NOTE.—No records of this gauge have been received since 1884.

LAKE PROVIDENCE, LA.—U. S. Engineer Gauge.

Distance from Cairo.....542.3 miles. R.

Gauge established December, 1871. Zero of gauge 89.62 feet above Cairo Datum Plane. No connection has been made between the Delta Survey gauge and the present one.

The gauge is referred to the following benchmarks:

B. M. No. 1, (Mahan, 1872.) On the southwest corner of the slate pedestal of a monument to Reason Bowie.

Elevation above zero of gauge 36.87 feet.

B. M. No. 3, (Nicol, 1875.) Water-table, southwest corner of new court house.

Elevation above zero of gauge 37.87 feet.

B. M. $\frac{89}{3}$, = Triangulation station, South Base. A large marking stone in grass plat, 34 metres north of east and west fence along north side of Mason Pilcher's place, about one mile below Lake Providence. It is 50 metres north of cabin on said place, 300 metres above end of large pond which lies near the levee, and 210 metres west of levee.

Elevation above zero of gauge 32.65 feet.

NOTE.—B. M. No. 1, (Mahan, 1872,) could not be found in 1892 and reported obliterated.

REFUGE, MISS.—M. R. C. Gauge.

Distance from Cairo.....491.1 miles. L.

Gauge established October, 1879, and discontinued January 15, 1882. Zero of gauge 102.79 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

B. M., (Fremaux, 1879.) Nail in root of china tree, one foot in diameter, standing inside levee. Tree marked B. M. 42. Three tacks around the nail.

Elevation above zero of gauge 42.00 feet.

B. M. 19, (C. & G. S.) Is the centre of head of a copper bolt about 2 centimetres in diameter, leaded horizontally into the brick chimney of the gin-house of Refuge Plantation, about one mile north of Refuge Landing, and about one-half mile back from the chute of Island 84. The bolt is about three feet above ground.

Elevation above zero of gauge 48.14 feet.

WILSON'S POINT, LA.—M. R. C. Gauge.

Distance from Cairo.....531.4 miles. R.

Gauge established November, (?) 1883. Zero of gauge 93.45 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

B. M. No. 2. Is on a box alder tree about one-fourth mile above the landing at Wilson's Point, and about 150 feet from the river bank.

Elevation above zero of gauge 36.36 feet.

B. M. $\frac{86}{3}$. Is top of marking stone back of levee 130 metres from river bank and opposite upper end of old levee at river bank just above

Wilson's Point Landing. It is 510 metres north from cotton gin on Burt Redmond's place, and 326 metres above junction of levees.

Elevation above zero of gauge 35.28 feet.

NOTE.—Subsequent records of this gauge have been published only in connection with discharge observations.

GREENVILLE, MISS.—M. R. C. Gauge.

Distance from Cairo.....478.3 miles. L.

Gauge established December, 1881. Zero of gauge 108.00 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

B. M. No. 1, (C. & G. S.) Is on iron sill of door in north side, near northwest corner, of brick building known as the Bank Building. The bench is 320 millimetres from front face of sill, 55 millimetres from door-strip, and 90 millimetres from right hand (west) door.jamb.

Elevation above zero of gauge 43.21 feet.

Triangulation Station North Base. Top of copper bolt in large stone forming north end of Greenville base line of the Coast and Geodetic Survey. Elevation above zero of gauge 37.93 feet.

NOTE.—B. M. No. 1, (C. & G. S.) What is herein described as the "Bank Building." was known as the "City Jail" in 1892. The B. M. was marked thus: △ cut in iron door-sill October 21, 1893.

ARKANSAS CITY, ARK.—M. R. C. Gauge.

Distance from Cairo.....438.3 miles. R.

Gauge established November, 1879. Zero of gauge 116.35 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

Triangulation Station, Arkansas City. Is top of stone post 50 feet from river bank and 400 feet below the elevator.

Elevation above zero of gauge 44.24 feet.

B. M. $\frac{63}{3}$. Is top of stone post in woods, 420 meters north, (azimuth 179° 50′) from railroad shop below Arkansas City. It is 250 metres from edge of woods near a large burnt oak stump, and a large blazed gum tree bears a triangle nailed to it.

Elevation above zero of gauge 40.08 feet.

NOTE.—Elevation of zero, adopted in 1888, is 116.44 feet above Cairo Datum Plane. Triangulation Station Arkansas City has since been removed.

MOUTH OF WHITE RIVER, ARK.—U. S. Engineer Gauge.

Distance from Cairo.....393.2 miles. R.

Gauge established November, 1871. Zero of gauge 128.73 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

B. M. 1, (Burney, 1875.) Five copper tacks, thus, ⁝ · ⁝ on M. Brannon's gallery.

Elevation above zero of gauge 49.29 feet.

B. M. E., (Ewens.) Is the top of a large nail driven into the root of a small sycamore tree standing in a cotton field 250 feet from river bank and midway between the cabins of Washington Payne and Geo. Gould. Tree blazed and marked with the letter E.

Elevation above zero of gauge 45.45 feet.

NOTE.—B. M. 1, (Burney, 1874.) Reported in 1889 as destroyed.

MALONE'S LANDING, MISS.—M. R. C. Gauge.

Distance from Cairo.....356.2 miles. L.

Gauge established November, 1879, and discontinued January 7, 1883. Zero of gauge 151.96 feet above Cairo Datum Plane.

The gauge is referred to the following benchmark:

P. B. M. 62. Is top of copper bolt in top of stone on east slope of levee, near locust trees, about 140 metres above Simpson's store, at Lake Charles Landing, Coahoma county, Miss.

Elevation above zero of gauge 30.62 feet.

SUNFLOWER LANDING, MISS,—M. R. C. Gauge.

Distance from Cairo.....352.7 miles. L.

Gauge established November, 1882, and discontinued December 1, 1883. Zero of gauge 147.13 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

Triangulation Station Sunflower Landing. Is top of stone post on the point just above the mouth of Hushpucana creek, a short distance above the landing.

Elevation above zero of gauge 37.12 feet.

B. M. $\frac{37}{2}$. Is top of stone post in woods, 450 metres from river, 103 metres east of back edge of field, 100 metres west of west bank of Hushpucana creek, and 34 metres west of a steep bank going down to creek. Two cottonwood trees, one 3 metres north, the other 5 metres southeast, are blazed.

Elevation above zero of gauge 36.7 feet.

NOTE.—Elevation of zero above Cairo Datum Plane 147.08 feet, adopted in 1889. The top of B. M. $\frac{37}{2}$ was reported broken off in 1891. October, 1893, the highest part of solid stone read 36.73 feet on the gauge. Gauge re-established March, 1889.

ST. LOUIS LANDING, ARK.—M. R. C. Gauge.

Distance from Cairo.....349.5 miles. R.

Gauge established December, 1883, and discontinued May 31, 1885. Zero of gauge 141.27 feet above Cairo Datum Plane.

The gauge is referred to the following benchmark :

B. M. $\frac{36}{3}$. Is top of stone post in open woods, 60 metres above upper fence of B. L. Oliver's field at St. Louis Landing. It is 70 metres from river bank and 10 metres back from small yard around cabin. A triangle on a cottonwood tree 3 metres south.

Elevation above zero of gauge 41.56 feet.

GLENDALE, MISS.—M. R. C. Gauge.

Distance from Cairo.....306.8 miles. L.

Gauge established November, 1879, and discontinued June 2, 1881. Zero of gauge 168.07 feet above Cairo Datum Plane.

The gauge is referred to the following benchmark :

U. S. B. M., "Glendale." Top of bolt in top of stone post set in northwest corner of T. C. Ferguson's yard. Top of stone marked U. S. P. B. M.

Elevation above zero of gauge 36.53 feet.

HELENA, ARK.—U. S. Engineer Gauge.

Distance from Cairo.....306.5 miles. R.

Gauge established November, 1871. Zero of gauge 161.98 feet above Cairo Datum Plane, and 0.39 feet above zero of Delta Survey gauge.

The gauge is referred to the following benchmarks :

U. S. B. M., "Helena I." Centre of hole in outer end of copper bolt one centimetre in diameter, leaded horizontally into brick in east end of north wall of brick building on west side of Main street. The building is the second one south of York street, and is owned by Tenny & Cashman.

Elevation above zero of gauge 50.10 feet.

U. S. B. M., "Helena II." Centre of hole in outer end of copper bolt one centimetre in diameter, leaded horizontally into brick in south wall of brick building in northwest corner of Cherry and Rightor sts. The benchmark is 216 centimetres west of southeast corner of building, and 97 centimetres above the sidewalk. The letters P. B. M. are cut in the wall.

Elevation above zero of gauge 50.12 feet.

NOTE.—U. S. B. M. "Helena I," is considered unreliable on account of settlement.

MHOON LANDING, MISS.—M. R. C. Gauge.

Distance from Cairo.....275.9 miles. L.

Gauge established February, 1882, and discontinued May 31, 1885. Zero of gauge 181.48 feet above Cairo Datum Plane.

The gauge is referred to the following benchmark:

B. M. $1\frac{3}{2}$. Is top of stone post set in small orchard at Mhoon Landing. It is 4 metres south from an apple tree, 100 meters south of road and 105 metres southwest of dwelling house.

Elevation above zero of gauge 33.69 feet.

NOTE.—The gauge was re-established in March, 1889, at same elevation, and about $1\frac{1}{2}$ miles below former location.

B. M. $\frac{1}{2}^{3}$. The house and orchard have since been reported as destroyed and the B. M. as being in a cornfield.

MEMPHIS, TENN.—U. S. Engineer Gauge.

Distance from Cairo.....230 miles. L.

Gauge established November, 1871. Zero of gauge 203.97 feet above Cairo Datum Plane and 1.14 feet above zero of Delta Survey gauge.

The gauge is referred to the following benchmarks:

B. M. No. 3, (Nicol, 1876.) On door-sill southeast corner of Front and Jefferson streets, and on Jefferson, marked U. S. E.

Elevation above zero of gauge 90.336 feet.

B. M. No. 4, (Nicol, 1876.) On iron door-step entrance to upstairs, Frank's building, 280 Front street, marked U. S. E.

Elevation above zero of gauge 89.012 feet.

U. S. B. M., "Memphis," (1878.) Is the centre of hole in head of copper bolt set horizontally in face of subsill of basement window, first window from southwest corner on west side of new United States Custom house. Marked U. S. B. M.

Elevation above zero of gauge 80.41 feet.

NOTE.—B. M. No. 3. (Nicol, 1876,) is marked: { U. S. E.

B. M. No. 4, (Nicol, 1876,) is marked: { U. S. E. 75

FULTON, TENN.—M. R. C. Gauge.

Distance from Cairo.....175.4 miles. L.

Gauge established October, 1879. Zero of gauge 228.55 feet above Cairo Datum Plane, and 154.02 feet above zero of gauge established in 1879, by direction of Major Suter. Zero of readings given in Report of Mississippi River Commission for 1881, p. 98, is 230.65 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

B. M. No. 51, (Suter.) Is nail in root of cottonwood tree $2\frac{1}{2}$ feet in diameter, on right bank of ravine, 100 feet from river, and 400 feet above Fulton Landing. Elevation above zero of gauge 32.99 feet.

U. S. P. B. M. 42. Is top of copper bolt in stone post in woods on land of A. Lea & Co., about $\frac{3}{4}$ mile west (?) of post-office at Fulton,

Tenn., 125 metres back from river, and about 140 metres east of a graveyard in the woods. It is 12 metres east of fence, and 300 metres west of Dr. Allen's house.

Elevation above zero of gauge 89.86 feet.

COTTONWOOD POINT, MO.—M. R. C. Gauge.

Distance from Cairo.....123 miles. R.

Gauge established November, 1879, and discontinued May 31, 1885. Zero of gauge 250.62 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

Triangulation Station North Base. Is top of large stone post near mouth of chute around Island No. 18, at bottom of west slope of levee and 75 feet south of H. C. Garrett's house.

Elevation above zero of gauge 34.22 feet.

Triangulation Station South Base. Is top of large stone post about 700 feet from shore, in Mr. Frank Hoffman's field, back of Cottonwood Landing. It is about 250 feet south of lane running west from landing, dividing Mr. Gay's and Mr. Hoffman's farms.

Elevation above zero of gauge 35.21 feet.

NOTE.—Re-established October, 1888, at same elevation.

NEW MADRID (Morrisson's Ldg.,) MO.—M. R. C. Gauge.

Distance from Cairo.....69 miles. R.

Gauge established November, 1879. Zero of gauge 276.04 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

B. M. No. 4. Is a spike in root of a green gum tree about 4 feet in diameter, standing near upstream and river corner of fence surrounding Mr. Morrisson's front door yard. Tree is blazed and marked 4 with tacks.

Elevation above zero of gauge 34.30 feet.

B. M. No. 8. Is nail driven on bench cut at base of a hickory tree standing 75 feet below the gauge, and 50 feet from river. The tree is blazed and marked 8.

Elevation above zero of gauge 32.30 feet.

NOTE.—Elevation of zero, adopted in 1890, 275.80 feet above the Cairo Datum Plane. This is the mean of five levelings.

COLUMBUS, KY.—M. R. C. Gauge.

Distance from Cairo.....21.3 miles. L.

Gauge established December, 1881, and moved across the river to Belmont, Mo., June 8, 1884. Zero of gauge 229.14 feet above Cairo

Datum Plane. Zero of Delta Survey gauge 288.87 feet above same datum. Zero of Maj. Comstock's gauge 284.73 feet above same datum. Zero of Maj. Suter's gauge 281.81 feet above same datum.

The gauge is referred to the following benchmarks :

U. S. P. B. M. 7. Small hole in copper bolt set horizontally in south side of brick building, half way between the most eastern windows of main building in first course of bricks below window sill. The building is situated on Front street, and is called the Mansion house, and belongs to the Bank of Kentucky.

Elevation above zero of gauge 105.91 feet.

U. S. P. B. M. 8. Centre of hole in top of copper bolt in stone post in southeast corner of Baptist church yard, 1.5 metres from each fence.

Elevation above zero of gauge 98.66 feet.

U. S. P. B. M. 9. Small hole in end of copper bolt set horizontally in east face of corner stone on northeast corner of same Baptist church. Elevation above zero of gauge 100.43 feet.

NOTE.—U. S. P. B. M. 9 has been changed by alterations in church building.

BELMONT, MO.—M. R. C. Gauge.

Distance from Cairo .....21.3 miles. R.

Gauge moved to this place from Columbus, Ky., June 8, 1884. Zero of gauge 229.14 feet above Cairo Datum Plane.

The gauge is referred to the following benchmarks:

B. M. No. 2. Is top of nail driven in a 4 inch square oak post near the outer edge of the trestle in front of the house of the superintendent of the elevator, and about 15 feet below a stairway that leads to a platform in front of the house.

Elevation above zero of gauge 93.19 feet.

B. M. No. 3. Is top surface of a nail driven horizontally into the front face of the main elevator building at Belmont, about 7 feet above the ground.

Elevation above zero of gauge 99.27 feet.

NOTE.—This gauge was raised 58 feet in 1888.
B. Ms. 2 and 3 have been destroyed.

CAIRO, ILL.—U. S. Engineer Gauge.

Gauge established October, 1871. Zero of gauge 290.84 feet above Cairo Datum Plane, and 9.16 feet below zero of Delta Survey gauge.

The gauge is referred to the following benchmarks :

B. M. No. 1, (Hely.) Door sill St. Charles Hotel, northeast corner. Elevation above zero of gauge 52.42 feet.

U. S. B. M. 1. Is small hole in centre of copper bolt set horizontally in northwest side of Custom House. It is 7.18 metres from northwest corner, and 0.37 metres below the junction of the sandstone and limestone. Marked by the letters U. S. B. M. cut in stone.

Elevation above zero of gauge 47.09 feet.

U. S. B. M. 2. Is hole in copper bolt set horizontally in east side of building containing offices of the Trustees of Cairo City Public Property, on Washington Avenue, between 18th and 19th streets. The bolt is 4.44 metres from southeast corner and 1.12 metres below surface of water table. Marked by the letters U. S. B. M. cut in stone.

Elevation above zero of gauge 48.41 feet.

Mississippi River.—Carrollton, La., 1872.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November	December.
1	.....	0.45	1.60	3.68	11.90	10.50	9.30	4.55	1.40	0.65	0.20	— 0.40
2	.....	1.00	1.20	3.86	12.00	10.58	9.05	4.58	1.62	0.48	0.00	— 0.35
3	.....	0.40	1.30	4.10	12.10	10.63	8.80	4.55	1.50	0.12	0.00	— 0.10
4	.....	0.10	1.40	4.33	12.20	10.58	8.48	4.80	1.20	0.25	0.55	0.00
5	.....	0.00	1.75	4.60	12.15	10.50	8.20	4.82	1.00	0.42	1.10	0.30
6	.....	0.55	2.00	5.58	12.30	10 58	7.88	4.82	1.00	0.55	1.25	0.30
7	.....	0.45	2.23	6.00	12.13	10.50	7.48	4.85	0.95	0.85	1.00	0.20
8	.....	0.42	2.62	6.28	12.23	10.38	6.90	4.90	0.95	1.58	1.70	0.10
9	.....	0.40	2.97	5.79	12.18	10.30	6.40	4.95	1.20	1.45	1.40	— 0.40
10	.....	0.40	3.12	5.58	12.10	10.30	6.10	5.00	1.40	1.50	0.80	— 0.30
11	.....	0.90	3.00	5.60	12.00	10.18	5.87	5.00	1.70	1.48	0.30	0.25
12	0.30	0.35	2.60	5.93	11.76	10.10	5.50	4.80	1.80	1.43	— 0.10	— 0.70
13	0.50	0.55	2.53	6.18	11.42	10.00	5.12	4.40	1.85	1.00	— 0.20	— 1.00
14	0.70	0.00	2.41	6.60	11.20	9.92	4.90	4.00	1.63	0.45	— 0.50	— 1.40
15	0.80	0.10	2.30	7.00	11.00	9.96	4.53	3.65	1.20	0.05	— 0.70	— 0.70
16	0.85	0.17	2.18	7.48	10.70	9.95	4.40	3.30	1.00	0.20	— 0.90	— 0.40
17	0.90	0.20	2.23	8.10	10.35	9.98	4.20	3.05	0.60	0.00	— 0.70	— 0.45
18	1.10	0.05	2.32	8.77	10.08	9.93	4.02	2.65	0.65	0.05	— 0.30	0.05
19	1.90	0.10	2.35	9.34	9.80	10.00	3.78	2.50	0.55	0.39	— 0.15	— 0.10
20	1.40	0.10	2.15	9.83	9.58	10.20	3.58	2.35	0.40	0.45	— 0.20	0.10
21	1.30	0.45	2.45	10.28	9.30	10.27	3.30	2.10	0.51	0.85	0.35	— 0.05
22	1.10	0.30	2.73	10.60	9.10	10.12	3.08	1.85	1.08	1.20	0.30	— 0.60
23	1.20	0.48	2.83	10.93	9.05	10.10	2.87	1.75	1.10	1.30	0.50	— 0.40
24	1.15	1.18	3.40	11.15	9.10	10.03	2.70	1.70	1.30	0.90	0.25	— 0.30
25	1.35	0.98	3.97	11.25	9.33	9.90	2.75	1.75	1.10	0.50	0.30	0.25
26	1.50	0.98	4.15	11.28	9.60	9.75	2.85	1.75	1.00	0.55	0.40	— 0.40
27	1.50	0.90	3.97	11.30	9.65	9.65	3.15	1.72	1.05	0.45	0.30	— 1.60
28	1.25	1.28	3.67	11.32	9.82	9.60	3.70	1.69	1.10	0.35	— 0.20	— 1.50
29	0.80	1.35	3.50	11.52	9.80	9.50	4.00	1.52	0.80	0.20	— 0.60	— 1.00
30	0.65		3.57	11.73	9.92	9.40	4.37	1.40	0.80	0.20	— 0.60	— 0.80
31	0.60		3.75		10.18		4.50	1.40		0.00		— 0.50

Mississippi River.—Carrollton, La., 1873.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	0.25	2.73	10.30	9.73	12.28	12.88	11.98	7.48	1.83	1.68	0.88	0.68
2	0.90	2.78	10.78	9.78	12.08	12.88	11.78	6.98	1.83	1.83	0.63	1.03
3	0.35	3.08	10.83	9.68	12.08	12.93	11.48	6.48	1.83	1.73	0.78	1.38
4	0.70	3.33	10.88	9.78	12.13	12.93	11.28	6.13	1.68	1.73	0.53	1.48
5	0.60	3.58	10.98	9.83	12.18	12.88	11.08	5.73	1.33	1.33	0.68	1.78
6	0.10	3.78	11.28	9.88	12.68	12.88	10.98	5.38	1.08	1.48	0.98	2.08
7	0.25	3.78	11.43	10.08	12.48	12.78	10.83	4.98	1.08	1.53	0.98	2.18
8	0.25	3.73	11.68	10.28	12.48	12.83	10.73	4.68	1.28	1.68	0.93	2.78
9	0.40	3.58	11.88	10.28	12.48	12.83	10.48	4.58	1.38	1.58	0.98	2.83
10	0.63	3.43	12.08	10.53	12.48	12.88	10.18	4.23	1.58	1.28	1.03	2.93
11	0.38	3.58	12.18	10.73	12.48	12.88	9.78	3.88	1.48	1.28	1.38	3.38
12	0.38	3.68	12.28	10.93	12.48	12.83	9.48	3.68	1.48	1.53	1.18	3.73
13	0.28	3.00	12.38	11.08	12.38	12.78	9.33	3.33	1.63	1.68	1.18	4.08
14	0.58	2.78	12.38	11.28	12.48	12.83	9.48	3.13	1.53	1.53	0.98	4.23
15	1.18	3.18	12.33	11.38	12.33	12.73	9.58	2.78	1.88	1.53	0.88	4.68
16	1.48	3.03	12.33	11.48	12.28	12.78	9.68	2.78	1.58	1.48	0.88	5.18
17	1.28	2.88	12.28	11.48	12.28	12.83	9.68	2.68	1.88	1.28	0.68	5.68
18	1.48	3.23	12.18	11.48	12.23	12.78	9.68	2.58	1.98	1.28	0.98	6.18
19	1.58	3.78	12.13	11.53	12.38	12.83	9.68	2.33	2.38	0.88	0.28	6.68
20	2.03	5.63	11.98	11.58	12.38	12.68	9.68	2.28	2.08	0.53	0.08	7.18
21	2.28	5.78	11.58	11.78	12.68	12.68	9.78	2.23	1.68	0.38	0.48	7.68
22	2.48	6.88	11.38	11.78	12.68	12.58	9.93	1.98	1.33	0.28	0.68	8.38
23	2.68	7.53	11.08	11.88	12.63	12.48	9.78	1.98	1.18	0.48	1.28	8.68
24	2.38	7.98	11.18	11.98	12.68	12.38	9.58	1.63	1.08	0.38	1.63	8.98
25	2.28	8.63	10.78	12.08	12.68	12.18	9.53	1.58	1.03	0.78	1.28	9.38
26	2.48	9.18	10.28	12.18	12.63	12.03	9.38	1.53	1.03	0.88	1.28	9.38
27	2.38	9.68	10.28	12.08	12.58	11.98	9.08	1.58	1.28	1.33	1.88	9.48
28	2.58	9.93	10.18	12.13	12.63	12.03	8.88	1.63	1.48	1.18	1.38	9.48
29	2.88		10.03	12.03	12.73	12.08	8.58	1.63	1.58	1.18	0.98	9.58
30	2.68		9.98	12.03	12.68	12.13	8.28	1.63	1.58	1.08	0.63	9.78
31	2.68		9.83		12.73		7.98	1.68		1.03		10.03

Mississippi River.—Carrollton, La., 1874.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.
1	10.13	9.23	10.28	14.55	13.50	12.28	7.83	2.58	1.00	1.50	1.20	0.35
2	10.28	9.28	10.93	14.60	13.55	12.28	8.08	2.68	1.90	1.40	1.00	0.30
3	10.38	9.33	11.28	14.75	13.50	12.13	7.88	2.58	2.50	1.50	0.60	0.25
4	10.38	9.58	11.68	14.75	13.45	12.13	7.98	2.48	2.40	1.40	0.50	0.40
5	10.28	9.83	11.88	14.95	13.30	12.03	7.23	2.18	2.70	1.30	0.50	0.35
6	10.18	10.38	11.98	15.00	13.25	12 03	7.28	2.00	2.40	1.20	0.30	0.80
7	9.78	10.53	12.08	15.10	13.25	11.88	7.08	2.00	2.10	1.30	0.20	0.80
8	9.38	10.78	12.18	15.25	13.15	11.78	6.98	1.85	1.70	1.20	0.50	0.75
9	8.98	10.58	11.98	15.55	13.15	11.78	6.38	1.65	1.50	1.10	0.40	0.65
10	8.48	10.68	11.98	15.50	13.25	11.68	5.68	1.40	1.10	1.20	0.60	0.80
11	7.98	10.78	12.18	15.55	13.25	11.48	5.08	1.40	1.20	1.30	0.70	1.00
12	7.48	10.93	12.23	15.70	13.30	11.33	4.68	1.30	1.10	1.20	0.75	1.20
13	6.93	10.98	12.28	15.75	13.35	11.18	4.38	1.10	1.20	1.60	0.80	1.30
14	6.28	11.03	12.28	15.90	13.30	10.93	4.28	1.00	1.50	1.50	1.20	1.70
15	5.78	11.03	12.63	15.95	13.15	10.78	4.18	1.20	1.70	1.30	1.40	1.60
16	5.63	10.98	12.88	15.70	13.18	10.58	4.08	1.20	1.70	1.50	1.60	1.70
17	5.58	10.98	13.18	15.40	13.18	10.28	3.88	1.50	1.90	1.50	2.20	1.30
18	5.58	10.83	13.18	15.05	12.98	10.08	3.83	1.70	1.80	1.50	2.00	1.30
19	5.98	10.58	13.18	14.75	12.88	9.93	3.68	2.00	1.80	1.30	1.70	1.20
20	6.58	10.38	13.15	14.55	12.88	9.68	3.68	1.75	1.80	1.50	0.80	0.70
21	7.38	10.18	13.15	14.25	12.78	9.53	3.53	2.00	2.00	1.35	0.30	0.30
22	7.98	9.78	13.15	14.30	12.68	9.43	3.28	2.10	1.80	1.15	0.50	0.50
23	8.28	9.28	13.25	14.25	12.68	9.28	3.18	2.00	1.70	0.90	0.50	0.60
24	8.68	9.08	13.25	14.25	12.68	9.08	2.88	1.60	1.80	0.60	0.10	0.60
25	8.88	9.08	13.45	14.10	12.68	8.98	2.78	1.30	1.50	0.60	0.80	0.90
26	8.98	9.28.	13.65	13.85	12.68	8.88	2.78	1.00	1.40	0.70	0.80	1.50
27	9.18	9.58	13.60	13.75	12.68	8.68	2.78	1.00	1.50	0.60	0.90	1.30
28	9.28	9.88	13.70	13.75	12.38	8.48	2.98	1.10	1.70	1.00	1.10	1.30
29	9.18		13.85	13.65	12.58	8.28	2.88	1.00	1.40	1.10	0.50	1.00
30	9.18		14.10	13.55	12.48	8.08	2.68	0.80	1.20	1.10	0.75	0.70
31	9.08		14.25		12.48		2.68	0.90		1.50		0.70

NOTE.—April 16 gauge section 13′ to 16′ corrected by raising 0.4′; error probably accumulating from March 17.

Mississippi River.—Carrollton, La., 1875.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	0.90	0.70	4.90	10.60	11.20	10.45	6.85	8.90	10.45	6.25	0.65	2.35
2	0.80	0.80	4.70	10.50	11.20	10.30	6.85	8.85	10.50	6.35	0.60	2.40
3	0.70	1.00	4.40	10.60	11.30	10.20	7.00	8.90	10.50	6.40	0.90	2.50
4	0.90	1.30	4.20	10.70	11.30	10.15	7.10	8.90	10.50	6.40	1.20	2.90
5	1.00	1.30	4.40	10.85	11.30	9.80	7.10	9.00	10.45	6.65	1.40	3.50
6	1.30	1.20	4.50	10.90	11.25	9.60	7.00	9.20	10.40	6.50	1.55	3.70
7	2.00	1.70	4.80	11.00	11.20	9.50	7.00	9.40	10.25	6.20	1.50	4.20
8	2.40	2.30	5.00	11.00	11.10	9.40	7.00	9.40	10.20	5.90	1.20	4.20
9	2.70	3.00	6.00	11.10	11.00	9.25	7.20	9.45	9.90	5.50	1.10	4.20
10	3.10	3.80	6.60	11.05	11.00	9.10	7.30	9.50	9.70	5.20	0.70	4.40
11	3.20	4.70	7.40	11.10	11.00	8.90	7.40	9.60	9.40	4.80	0.75	4.60
12	3.20	5.40	8.30	10.90	11.10	8.70	7.50	9.65	9.10	4.30	0.30	4.60
13	4.10	5.70	8.60	10.70	11.20	8.50	7.55	9.70	8.80	3.80	0.10	4.55
14	4.20	5.90	8.80	10.85	11.30	8.20	7.60	9.70	8.40	3.20	0.25	4.50
15	4.00	6.40	8.90	10 90	11.30	8.10	7.70	9.80	8.40	3.00	0.55	4.60
16	4.40	6.90	9.10	10.80	11.30	8.00	7.75	10.00	7.70	2.50	0.65	4.50
17	4.40	7.00	9.30	10.90	11.20	7.90	7.80	10.10	7.00	2.25	0.85	4.50
18	4.40	6.90	9.40	11.00	11.30	7.90	7.85	10.20	7.20	2.10	0.95	4.20
19	4.30	6.90	9.70	11.00	11.10	7.80	7.70	10.00	6.30	2.10	1.00	3.90
20	4.20	7.00	9.80	11.00	11.10	7.70	7.70	10.00	6.50	2.10	0.75	3.80
21	3.90	6.60	9.90	11.20	11.10	7.75	7.80	10.10	6.40	2.10	0.70	3.80
22	3.60	6.40	10.10	11.20	11.10	7.70	7.80	10.20	6.40	2.10	0.50	3.80
23	3.30	6.40	10.10	11.00	11.00	7.50	7.85	10.20	6.40	2.00	0.80	3.70
24	3.30	6.10	10.20	11.15	10.90	7.35	7.95	10.25	6.45	1.60	0.70	3.70
25	3.00	5.80	10.20	11.00	10.80	7.20	8.10	10.30	6.60	1.50	1.10	4.00
26	2.80	5.40	10.30	11.00	10.75	7.10	8.20	10.30	7.00	1.10	1.25	4.40
27	2.40	5.20	10.30	11.10	10.65	6.95	8.30	10.40	7.20	1.00	1.35	4.70
28	2.10	4.90	10.35	11.10	10.50	6.85	8.40	10.50	6.70	1.00	1.50	4.70
29	2.00		10.35	11.10	10.50	6.70	8.60	10.45	6.50	0.80	1.80	4.90
30	1.30		10.50	11.10	10.50	6.80	8.70	10.45	6.30	0.80	2.30	4.90
31	1.20		10.50		10.50		8.80	10.40		0.70		5.00

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	5.00	10.20	11.10	11.50	12.00	12.00	10.40	9.90	4.75	5.00	0.80	0.40
2	5.00	9.90	10.90	11.50	12.10	12.20	10.30	9.90	4.55	4.80	0.70	0.20
3	4.90	10.00	10.90	11.45	12.00	12.00	10.25	9.85	4.40	4.70	1.00	0.40
4	5.00	9.90	11.00	11.50	12.15	12.00	10.20	9.90	4.30	4.50	1.10	0.60
5	5.30	10.00	11.10	11.60	12.20	11.90	10.20	9.80	4.20	4.60	1.30	0.80
6	5.70	10.10	11.30	11.50	12.20	11.80	10.20	9.55	4.20	4.70	1.50	0.80
7	6.30	10.20	11.45	11.55	12.40	11.80	10.00	9.40	4.20	4.90	1.75	0.70
8	7.00	10.30	11.25	11.80	12.40	11.80	10.00	9.20	4.10	5.30	1.60	1.10
9	7.50	10.60	11.45	11.60	12.20	11.60	9.90	9.10	4.00	5.70	1.20	0.80
10	8.10	10.75	11.50	11.70	12.40	11.50	9.80	9.00	3.80	5.60	1.00	0.75
11	8.10	10.75	11.55	11.60	12.70	11.60	9.80	8.90	3.70	5.35	0.90	0.75
12	8.70	10.60	11.75	11.50	12.20	11.60	9.70	8.70	3.60	5.00	0.90	0.70
13	9.00	10.80	11.45	11.50	12.20	11.60	9.70	8.30	3.50	4.60	1.00	0.60
14	9.10	10.80	11.35	11.60	12.20	11.40	9.80	8.00	3.15	4.10	1.00	0.50
15	9.20	10.55	11.45	11.30	12.20	11.60	9.85	7.60	3.10	3.60	1.10	0.60
16	9.40	10.55	11.55	11.40	12.30	11.40	9.90	7.20	3.00	3.30	1.20	0.40
17	9.60	10.50	11.40	11.40	12.20	11.30	9.90	6.80	3.00	3.00	1.40	0.20
18	9.60	10.65	11.30	11.50	12.30	11.20	9.80	6.60	2.90	2.50	1.40	0.20
19	9.60	10.70	11.40	11.50	12.30	11.20	9.90	6.25	3.00	2.30	1.40	0.00
20	9.60	10.75	11.65	11.50	12.30	11.00	9.80	6.10	3.20	2.30	1.40	— 0.20
21	9.60	11.10	11.20	11.70	12.30	10.90	9.80	6.00	3.50	2.20	1.40	0.00
22	9.60	11.10	11.20	11.80	12.20	10.70	9.70	5.90	3.80	2.20	1.30	0.00
23	9.50	10.90	11.40	11.90	12.20	10.50	9.70	5.90	3.90	2.00	1.40	— 0.40
24	9.50	11.10	11.70	11.90	12.10	10.40	9.70	5.70	4.00	1.60	1.50	0.10
25	9.50	11.10	11.65	11.85	11.95	10.40	9.75	5.60	4.20	1.40	1.60	— 0.30
26	9.60	11.10	11.70	11.85	11.90	10.40	9.85	5.60	4.40	1.30	1.50	— 0.70
27	9.70	11.20	11.60	11.90	11.80	10.40	9.90	5.50	4.75	1.10	1.40	— 0.90
28	9.70	11.15	11.70	11.85	11.80	10.50	9.90	5.20	4.95	0.90	1.00	— 0.50
29	10.10	11.10	11.50	11.90	11.90	10.45	9.90	5.05	5.10	0.90	0.85	— 0.80
30	10.10		11.45	11.90	11.90	10.40	9.90	5.00	5.10	0.90	0.60	— 1.20
31	10.10		11.30		12.00		9.90	4.90		0.80		— 0.80

Mississippi River.—Carrollton, La., 1877.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.
1	— 0.40	6.80	5.10	7.50	10.30	11.00	10.25	7.10	1.25	2.80	1.60	3.15
2	— 0.60	7.00	4.60	7.50	10.30	11.00	10.35	6.95	1.30	3.20	1.50	3.35
3	— 0.60	7.30	4.20	7.60	10.20	11.00	10.40	6.80	1.20	2.50	1.30	3.60
4	— 0.90	7.50	3.80	7.80	10.40	11.10	10.40	6.60	1.50	1.30	1.30	4.15
5	— 0.60	7.60	3.50	7.90	10.60	11.00	10.40	6.45	1.10	0.80	1.40	4.40
6	— 0.10	7.90	3.15	8.00	10.60	11 00	10.40	6.15	0.80	0.30	1.40	4.40
7	— 0.80	7.80	2.90	8.10	10.70	11.00	10.40	6.00	0.40	0.00	1.50	4.40
8	— 0.80	8.00	2.80	8.20	10.70	11.10	10.40	5.60	0.30	0.20	2.40	4.60
9	— 1.40	8.00	2.60	8.40	10.70	10.90	10.40	5.20	0.40	0 40	2.30	4.90
10	— 1.10	7.90	2.40	8.70	10.80	10.70	10.30	4.80	0.40	0.30	2.30	5.40
11	— 1.00	7.80	2.30	9.00	10.80	10.70	10.25	4.40	0.50	0.40	2.25	5.65
12	— 1.00	7.70	2.20	9.30	10.85	10.60	10.15	3.80	0.60	0.90	2.20	5.90
13	— 0.60	7.50	2.10	9.50	10.90	10.60	10.10	3.40	0.75	1.00	2.40	6.00
14	— 0.60	7.30	2.40	9.30	10.80	10.60	10.20	2.90	1.00	1.45	2.60	5.90
15	— 0.30	7.20	2.40	9.40	10.60	10.70	10.20	2.70	1.20	1.80	2.70	5.90
16	— 0.20	6.80	2.40	9.40	10.50	10.70	10.20	2.60	1.40	1.60	2.70	5.65
17	— 0.20	6.50	2.40	9.70	10.60	10.90	10.20	2.50	1.50	1.70	2.70	5.40
18	— 0.20	6.20	2.50	9.85	10.50	10.90	10.20	2.30	2.70	1.10	2.70	5.20
19	— 0.50	6.00	2.60	9.80	10.70	10.90	10.00	2.20	2.40	1.30	2.70	5.05
20	— 0.20	5.90	2.90	9.70	10.80	10.80	9.90	2.00	0.80	0.50	3.30	5.30
21	0.00	5.70	3.50	9.70	10.80	10.60	9.70	1.80	0.60	0.30	3.20	5.70
22	— 0.20	5.70	4.30	9.80	10.90	10.70	9.60	1.70	0.70	0.00	3.00	5.20
23	— 0.20	5.75	4.90	10.00	10.90	10.65	9.40	1.30	0.90	0.00	2.90	5.10
24	— 0.30	5.70	5.50	10.10	10.90	10.50	9.10	1.10	0.60	0.00	2.90	5.40
25	0.40	5.60	6.00	10.20	11.00	10.40	9.00	0.90	0.80	0.80	2.90	5.00
26	1.40	5.40	6.40	10.40	11.00	10.20	8.80	0.90	0.70	1.00	2.70	4.70
27	2.70	5.30	6.70	10.40	11.00	10.20	8.50	1.10	1.10	1.40	2.90	4.40
28	3.90	5.00	7.00	10.60	10.90	10.20	8.20	1.30	1.00	1.45	3.00	4.35
29	5.00		7.20	10.50	10.90	10.25	7.90	1.30	1.30	1.60	3.20	4.50
30	5.90		7.40	10.40	10.90	10.30	7.50	1.30	1.80	2.00	3.10	4.20
31	6.40		7.40		11.00		7.20	1.30		1.70		4.10

Mississippi River.—Carrollton, La., 1878.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.
1	4.40	8.30	10.00	11.20	10.20	10.60	10.00	5.45	2.10	2.40	1.50	1.00
2	4.35	8.30	10.10	11.20	10.40	10.50	9.90	5.20	2.30	2.70	1.10	0.20
3	5.35	8.50	10.20	11.20	10.50	10.50	10.00	5.00	2.50	2.70	0.90	0.30
4	5.80	8.40	10.00	10.80	10.50	10.50	10.00	4.80	2.50	2.60	0.75	0.20
5	6.20	8.30	10.10	10.50	10.50	10.60	10.00	4.60	2.50	2.50	0.65	0.25
6	6.50	8.40	10.20	10.40	10.50	10.60	10.00	4.30	2.50	2.35	0.80	0.35
7	7.00	9.00	10.30	10.30	10.55	10.70	10.00	4.20	2.50	2.20	0.90	0.50
8	7.45	8.60	10.50	10.40	10.60	10.70	10.00	4.20	2.50	2.10	0.60	0.90
9	7.90	8.60	10.50	10.30	10.50	10.80	9.90	4.00	2.35	2.10	0.60	1.60
10	8.00	8.70	10.90	10.10	10.60	10.80	9.90	4.20	2.05	2.00	0.60	1.60
11	8.10	8.70	10.55	10.00	10.60	10.70	9.85	4.20	1.70	1.70	0.80	2.40
12	8.00	8.85	10.40	9.90	10.90	10.70	9.75	4.30	1.40	1.40	0.80	3.10
13	8.20	9.20	10.45	9.80	11.00	10.90	9.75	4.30	1.10	1.25	0.80	4.00
14	8.20	9.40	10.60	9.70	11.10	10.80	9.60	4.25	1.10	1.30	1.00	4.90
15	8.00	9.50	10.60	9.60	11.00	10.80	9.60	4.25	1.00	1.50	1.50	5.30
16	8.00	9.50	10.75	9.50	11.20	10.80	9.35	4.40	1.25	1.80	1.40	5 40
17	8.00	9.45	10.90	9.40	11.00	10.60	9.35	4.40	1.50	2.00	1.30	5.30
18	7.90	9.50	11.10	9.40	10 90	10.40	9.45	4.30	1.50	2.10	1.80	5.20
19	8 40	9.50	11 10	9.30	11.10	10.20	9.30	4.00	1.70	2.05	1.30	5.30
20	8.00	9.60	11.20	9.20	11.20	10.10	9.10	3.60	1.80	1.80	0.80	6.00
21	8.00	9.90	11.30	9.20	10.90	10.20	8.90	3.40	1.95	1.60	0.50	6.30
22	7.90	9.40	11.20	9.40	10.80	10.15	8.70	3.20	1.90	1.40	0.10	6.40
23	7.60	9.50	11.00	9.40	10.80	10.10	8.50	3.20	2.00	0.60	0.00	6.00
24	7.60	9.50	10.90	9.50	10.90	10.10	8.30	3.30	1.60	0.20	0.10	6.20
25	7.40	9.40	10.80	9.70	10.90	10.10	8.00	3.10	1.45	0.20	0.30	6.50
26	7.40	9.60	10.80	9.70	10.90	10.20	7.70	3.10	1.20	0.50	0.80	6.80
27	7.50	9.90	11.00	9.90	10.80	10.20	7.40	2.65	1.20	0.75	0.60	6.60
28	7.60	9.90	11.00	9.90	10.75	10.25	6.90	2.50	1.40	1.50	0.10	6.60
29	7.80		11.00	9.90	10.70	10.15	6.60	2.30	2.00	1.65	0.40	6.80
30	8.30		11.20	10.20	10.70	10.00	6.40	2.30	2.40	2.00	0.50	7.00
31	8.40		11.20		10.60		5.85	2.30		1.50		6.90

Mississippi River.—Carrollton., La., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	7.00	9.60	9.70	9.10	9.60	4.10	2.50	1.40	2.20	1.00	0.50	1.20
2	6.90	9.70	9.60	9.30	9.50	4.00	2.50	1.40	2.70	1.20	0.70	1.35
3	6.60	9.80	9.50	9.30	9.40	3.60	2.40	1.30	2.10	1.20	0.70	1.50
4	6.40	10.00	9.50	9.30	9.30	3.10	2.40	1.30	1.70	1.20	0.60	1.50
5	6.20	10.30	9.40	9.40	9.10	2.70	2.20	1.30	1.50	1.40	0.90	1.60
6	5.60	10.30	9.40	9.40	9.00	2.30	2.00	1.30	1.60	2.30	1.20	1.55
7	5.10	10.50	9.40	9.50	8.70	2.30	2.00	1.50	1.60	2.30	1.40	1.45
8	4.80	10.50	9.40	9.50	8.40	2.30	1.90	1.50	1.60	1.80	1.00	1.25
9	4.60	10.50	9.40	9.50	8.20	2.10	2.00	1.50	1.60	1.40	1.00	1.10
10	4.10	10.60	9.30	9.50	8.00	2.30	2.20	1.60	1.80	1.40	0.70	1.10
11	3.90	10.70	9.20	9.40	7.60	2.30	2.40	1.70	2.00	1.20	0.70	1.10
12	3.70	10.50	9.10	9.30	7.40	2.60	2.50	1.60	2.10	1.00	0.60	1.20
13	3.50	10.40	9.00	9.30	7.20	2.80	2.50	1.75	2.30	1.00	0.40	1.75
14	3.30	10.40	8.70	9.60	6.70	3.00	2.50	1.80	2.70	1.00	0.40	2.10
15	3.00	10.50	8.50	9.60	6.70	2.90	2.40	1.50	2.70	1.10	0.50	2.30
16	2.90	10.60	8.50	9.60	6.60	2.90	2.40	1.30	2.40	1.50	0.70	2.45
17	2.60	10.60	8.50	9.90	6.30	2.80	2.30	1.10	2.30	1.60	0.90	2.70
18	2.80	10.60	8.40	9.70	6.00	2.80	2.10	1.20	2.30	1.40	1.00	3.00
19	2.70	10.70	8.40	9.70	5.70	2.60	2.00	1.20	2.30	1.60	0.60	3.25
20	3.00	10.80	8.30	9.50	5.40	2.70	1.90	1.20	3.00	1.90	— 0.20	3.90
21	3.50	10.70	8.20	9.50	5.20	3 00	1.70	1.50	3.30	1.70	0.00	4.40
22	4.10	10.80	8.40	9.50	4.90	2.80	1.90	1.70	3.10	1.70	— 0.40	4.90
23	5.00	10.70	8.50	9.70	4.80	2.50	2.00	2.80	2.60	1.60	— 0.40	5.40
24	5.80	10.50	8.10	9.70	4.50	2.40	2.00	2.40	2.10	1.20	— 0.80	5.70
25	6.60	10.50	8.10	9.70	4.40	2.50	1.80	2.20	1.70	1.20	— 0.50	6.00
26	7.30	10.30	8.20	9.80	4.20	2.60	1.60	2.10	1.30	1.40	— 0.30	6.10
27	8.00	10.10	8.40	9.70	4.00	2.60	1.60	2.00	1.20	1.40	0.20	6.25
28	8.60	9.90	8.50	9.70	3.80	2.60	1.60	1.70	1.00	1.50	0.70	6.40
29	8.90		8.60	9.70	3.70	2.60	1.60	2.00	1.00	1.00	0.90	6.60
30	9.10		8.80	9.70	3.70	2.50	1.60	2.00	1.20	0.50	1.35	6.50
31	9.50		8.90		3.80		1.50	2.20		0.40		6.70

Mississippi River.—Carrollton, La., 1880

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	6.75	11.70	11.45	13.65	13.85	10.10	6.40	7.80	1.70	1.60	0.50	3.50
2	7.05	11.90	11.40	14.10	13.95	9.70	6.40	7.40	1.70	1.60	0.30	3.60
3	7.35	11.50	11.50	13.65	13.85	9.40	6.50	7.00	1.60	1.70	0.50	3.70
4	7.70	11.50	11.70	13.75	13.85	9.00	6.60	6.60	1.70	1.60	0.90	3.80
5	7.95	11.70	11.70	13.70	13.80	8.70	6.80	6.20	1.80	1.50	1.20	4.00
6	8.30	11.75	11.70	13.80	13.70	8.40	6.90	5.80	1.80	1.60	1.20	3.90
7	8.50	11.70	11.85	13.80	13.60	8.10	7.20	5.50	1.90	1.90	1.10	3.70
8	8.60	11.60	12.00	13.90	13.50	7.80	7.40	5.00	2.10	2.40	1.10	3.40
9	8.90	11.50	12.40	13.80	13.50	7.80	7.40	4.70	2.50	2.80	1.20	3.30
10	9.20	11.30	12.35	13.80	13.50	7.80	7.50	4.30	2.90	2.80	1.50	3.30
11	9.40	11.20	12.40	13.70	13.30	7.80	7.50	4.10	2.70	2.80	1.10	3.45
12	9.60	10.90	12.50	13.65	13.35	7.90	7.70	4.00	2.70	2.60	1.20	3.70
13	9.75	10.70	12.60	13.70	13.35	8.00	7.90	3.75	2.80	2.30	1.10	4.40
14	9.90	10.20	12.60	13.80	13.40	8.10	8.30	3.50	2.80	1.80	1.10	5.00
15	10.00	9.75	12.60	13.80	13.40	8.10	8.60	3.30	2.90	1.50	1.00	5.70
16	10.20	9.40	12.50	13.90	13.40	8.10	8.90	3.10	2.80	1.60	1.00	6.50
17	10.30	9.00	12.50	14.00	13.20	8.10	9.00	2.80	2.80	1.50	1.10	7.20
18	10.30	8.80	12.70	14.10	13.20	8.10	9.20	2.60	2.90	1.40	1.40	7.70
19	10.45	8.70	12.80	14.15	13.10	8.10	9.30	2.40	2.90	1.50	1.80	8.00
20	10.60	8.70	12.80	14.15	13.10	7.90	9.10	2.30	3.00	1.30	2.20	8.30
21	10.70	8.90	12.90	14.20	13.00	7.90	9.00	2.30	3.00	1.70	2.60	8.30
22	10.95	9.10	13.20	14.20	12.90	7.90	9.00	2.10	2.90	1.60	2.90	8.40
23	11.00	9.60	13.40	14.25	12.70	7.60	9.10	2.10	2.90	1.30	3.10	8.40
24	11.20	10.00	13.50	14.25	12.50	7.30	9.00	2.10	2.80	1.10	3.20	8.30
25	11.30	10.50	13.60	14.10	12.40	7.00	9.10	2.10	2.80	0.80	3.20	8.00
26	11.40	10.90	13.50	14.00	12.10	6.70	9.10	2.20	2.70	1.00	3.00	7.60
27	11.40	11.15	13.40	14.00	11.70	6.40	9.10	2.20	2.30	1.50	2.90	7.30
28	11.50	11.20	13.30	14.00	11.50	6.30	8.90	2.30	2.00	1.50	3.10	6.90
29	11.65	11.50	13.30	13.90	11.00	6.30	8.60	2.20	2.00	1.20	3.30	6.60
30	11.75		13.20	14.00	10.80	6.40	8.50	2.00	1.90	1.00	3.40	6.20
31	11.75		13.15		10.50		8.20	2.10		0.60		5.80

Mississippi River.—Carrollton, La., 1881.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.
1	5.60	7.90	12.20	12.20	11.90	12.30	9.90	3.90	1.40	2.00	4.10	9.00
2	5.30	8.30	12.00	12.20	11.90	12.20	9.90	4.30	1.50	1.90	4.20	9.20
3	5.10	8.60	12.10	12.20	12.00	12.20	10.00	4.40	1.50	1.80	4.20	9.40
4	5.60	8.90	12.20	12.30	11.90	12.20	10.00	3.90	1.40	1.40	4.30	9.40
5	5.00	9.30	12.20	12.30	11.90	12.20	9.90	3.60	1.30	1.10	4.40	9.50
6	4.60	10.00	12.10	12.30	12.10	12 20	9.80	3.30	1.10	1.20	4.50	9.70
7	4.30	10.60	12.20	12.30	12.10	12.20	9.60	3.20	0.80	2.10	4.90	9.70
8	3.90	10.40	12.00	12.40	12.30	12.20	9.40	2.80	0.70	1.80	4.80	9.80
9	3.70	10.40	12.00	12.40	12.20	12.00	9.20	2.50	0.50	1 60	4.80	9.90
10	3.50	10.00	12.20	12.40	12.20	12.00	9.10	2.10	0.30	1.40	4.80	9.90
11	2.90	10.10	12.30	12.40	12.30	11.90	8.70	1.90	0.40	1.70	5.00	9.80
12	2.50	9.90	12.40	12.55	12.20	11.60	8.30	1.70	0.60	2.00	5.20	9.80
13	2.40	9.60	12.30	12.50	12.10	11.30	8.10	1.70	0.80	2.20	5.20	9.60
14	2.10	9.30	12.40	12.30	12.20	11.10	7.90	1.70	1.15	2.20	5.30	9.50
15	2.00	9.30	12.50	12.30	12.20	10.90	7.90	1.60	1.50	2.40	5.30	8.90
16	2.00	9.30	12.50	12.20	12.10	10.80	7.70	1.80	1.10	2.50	5.45	8.70
17	1.90	9.40	12.40	12.00	12.00	10.70	7.40	2.00	1.10	2.70	5.70	8.40
18	1.80	9.80	12.30	12.10	12.10	10.50	7.10	2.00	1.30	2.75	5.80	8.20
19	1.80	10.30	12.30	12.10	12.10	10.30	6.70	1.70	1.20	2.75	5.80	7.80
20	2.10	10.60	12.20	12.00	12.10	10.20	6.30	1.40	1.00	2.75	6.20	7.50
21	2.00	10.80	12.30	12.10	12.25	10.10	5.60	1.10	0.90	2.85	6.20	7.20
22	2.10	11.30	11.90	12.10	12.30	10.00	4.90	1.00	0.70	2.90	6.70	6.80
23	2.40	11.40	12.10	12.20	12.30	9.75	4.30	1.00	0.65	2.90	7.20	6.50
24	3.00	11.60	12.10	12.40	12.30	9.60	3.90	0.80	0.70	3.00	7.40	6.20
25	3.20	11.90	12.10	12.20	12.30	9.60	3.70	0.80	0.80	2.90	7.60	6.30
26	3.60	12.00	12.20	12.30	12.40	9.60	3.40	1.00	1.00	2.90	7.80	6.50
27	4.10	12.30	12.20	12.20	12 30	9.60	3.30	1.00	1.20	3.00	8.10	6.50
28	4.85	12.10	12.30	12.10	12.30	9.80	3.20	0.70	1.40	3 50	8.30	6.90
29	5.60		12.40	12.00	12.30	9.90	3.30	0.80	1.40	4.00	8.60	7.30
30	6.50		12.25	12.00	12.40	9.95	3.40	0.80	1.80	4.40	8.90	7.50
31	7.20		12.20		12.30		3.40	1.30		4.10		8.00

Mississippi River.—Carrollton, La., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	8.50	12.70	14.00	14.60	13.45	12.60	12.50	11.70	4.60	3.40	2.00	2.50
2	8.90	12.70	14.00	14.65	13.40	12.50	12.50	11.70	4.40	3.20	1.80	2.40
3	9.50	12.85	14.10	14.60	13.30	12.50	12.45	11.50	.....	3.20	1.80	2.50
4	9.90	12.80	14.10	14.60	13.20	12.40	12.40	11.50	.....	3.10	1.70	2.70
5	10.00	12.70	14.20	14.60	13.20	12.40	12.40	11.40	.....	2.90	1.60	2.80
6	10.40	12.70	14.30	14.60	13.20	12.40	12.40	11.10	.....	2.60	1.50	2.90
7	10.70	12.80	14.40	14.40	13.10	12.50	12.40	10.80	.....	2.40	1.20	2.90
8	10.90	12.90	14.60	14.40	13.20	12.70	12.40	10.50	.....	2.40	1.00	3.00
9	11.10	13.00	14.70	14.20	13.10	12.80	12.40	10.00	.....	2.40	1.10	3.00
10	11.20	12.90	14.60	14.10	13.10	12.80	12.35	9.70	2.70	2.20	1.10	2.80
11	11.20	13.00	14.70	14.10	13.20	12.80	12.35	9.30	2.70	1.90	1.10	2.80
12	11.20	13.00	14.80	14.20	13.00	12.70	12.35	8.90	2.70	1.50	1.40	2.80
13	11.20	13.10	14.75	14.30	12.90	12.60	12.35	8.50	2.60	1.40	1.80	2.85
14	11.30	13.10	14.70	14.15	12.90	12.60	12.35	8.30	2.60	1.50	1.70	2.90
15	11.30	13.20	14.75	14.15	12.90	12.60	12.30	8.10	2.60	1.50	1.70	3.00
16	11.40	13.20	14.80	14.10	12.80	12.60	12.20	8.00	2.75	1.60	1.70	2.90
17	11.70	13.20	14.80	14.00	12.70	12.55	12.20	7.90	2.70	1.80	1.70	2.90
18	11.60	13.30	14.90	14.00	12.80	12.55	12.20	7.80	2.60	1.70	1.70	3.00
19	11.70	13.40	14.80	13.90	12.70	12.50	12.10	7.60	2.60	1.90	1.70	3.00
20	11.80	13.40	14.90	13.90	12.80	12.50	12.20	7.50	2.60	2.20	1.60	3.20
21	12.10	13.50	14.90	13.75	12.80	12.50	12.10	7.40	2.75	2.00	1.40	3.00
22	12.20	13.40	14.80	13.90	12.80	12.40	12.20	7.30	2.75	1.70	1.40	3.10
23	12.30	13.40	14.65	13.70	12.70	12.50	12.10	7.10	2.75	1.50	1.40	2.90
24	12.30	13.40	14.65	13.60	12.80	12.50	12.20	6.70	2.55	1.25	1.60	2.90
25	12.50	13.60	14.80	13.50	12.80	12.50	12.20	6.40	2.35	1.20	2.00	2.60
26	12.40	13.70	14.80	13.50	12.80	12.50	12.20	6.10	2.35	1.20	2.40	2.40
27	12.30	13.80	14.95	13.45	12.80	12.50	12.10	5.80	2.35	1.20	2.90	2.20
28	12.50	14.00	14.90	13.45	12.80	12.60	12.00	5.60	2.60	1.25	2.70	2.00
29	12.60		14.75	13.60	12.70	12.60	12.00	5.40	2.90	1.50	2.70	1.90
30	12.70		14.65	13.50	12.70	12.60	11.90	5.00	3.20	1.85	2.65	1.80
31	12.70		14.60		12.60		11.90	4.90		2.00		1.80

Mississippi River.—Carrollton, La., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1.80	5.40	12.20	14.70	14.30	13.70	12.45	10.80	2.80	0.80	1.80	5.30
2	1.90	5.90	12.20	14.80	14.30	13.60	12.40	10.50	2.50	0.80	2.00	5.30
3	2.30	6.50	12.30	14.80	14.30	13.60	12.40	10.20	2.50	0.60	1.70	5.50
4	2.45	6.90	12.30	15.00	14.30	13.40	12.40	9.90	2.40	0.60	1.50	6.20
5	2.80	7.20	12.40	15.00	14.40	13.40	12.40	9.60	2.20	0.60	2.00	6.60
6	3.20	7.80	12.60	15.30	14.40	13.40	12.30	9.20	2.10	0.70	1.90	7.00
7	4.20	8.20	12.70	15.40	14.00	13.30	12.40	8.95	2.00	0.90	1.90	7.50
8	4.60	8.50	13.10	15.20	13.90	13.30	12.40	8.40	2.00	1.10	2.00	7.60
9	4.40	8.80	12.90	15.30	13.90	13.30	12.50	8.10	2.00	1.10	2.10	7.75
10	4.50	8.90	12.90	15.30	14.00	13.20	12.50	7.90	2.00	1.25	2.50	7.90
11	4.20	9.10	12.90	15.20	14.10	13.10	12.55	7.80	2.00	1.30	3.00	7.90
12	3.90	9.20	12.70	15.20	14.10	13.10	12.55	7.20	1.90	1.20	3.70	7.90
13	4.10	9.30	12.70	15.00	14.10	13.00	12.60	6.80	1.80	1.00	4.00	7.90
14	4.50	9.40	12.80	14.90	14.10	13.00	12.50	6.70	1.80	0.80	4.00	8.00
15	4.60	9.70	12.80	14.90	14.10	13.00	12.50	6.50	1.70	0 50	4.20	8.10
16	4.80	10.00	12.90	14.80	14.10	13.00	12.50	6.30	1.70	0.70	4.30	8.00
17	5.00	10.10	13.00	14.70	14.00	12.90	12.40	6.30	1.60	1.10	4.20	8.00
18	5.00	10.50	13.10	14.60	14.10	12.85	12.40	6.10	1.60	2.10	4.90	7.90
19	4.80	10.80	13.20	14.60	14.20	12.80	12.40	6.00	1.50	1.80	4.70	7.80
20	4.50	11.00	13.40	14.60	14.10	12.70	12.35	5.80	1.40	2.10	4.40	7.40
21	4.10	11.20	13.60	14.55	14.10	12.60	12.20	5.50	1.60	2.25	4.50	7.40
22	4.30	11.30	13.40	14.70	14.10	12.60	12.20	5.40	1.80	2.00	4.50	7.50
23	4.30	11.60	13.50	14.50	13.90	12.50	12.00	5.20	1.80	2.30	5.60	6.70
24	4.20	11.80	13.70	14.45	13.65	12.40	11.90	4.90	1.80	2.00	5.60	6.20
25	4.20	11.90	13.90	14.40	13.60	12.40	11.75	4.80	1.60	1.70	5.80	5.90
26	4.30	11.90	14.00	14.20	13.55	12.50	11.55	4.60	1.40	1.70	5.80	5.50
27	4.50	12.00	14.10	14.10	13.60	12.55	11.50	4.40	1.10	1.70	5.70	5.20
28	4.80	12.00	14.10	14.10	13.60	12.45	11.40	4.30	1.00	1.70	5.50	5.00
29	4.80		14.30	14.30	13.60	12.50	11.40	3.90	1.00	1.80	5.30	4.70
30	4.80		14.40	14.20	13.65	12.50	11.25	3.40	1.00	1.80	5.30	4.70
31	5.00		14.50		13.70		11.10	3.00		1.80		5.40

Mississippi River.—Carrollton, La., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	6 30	10.40	13.80	14.80	13.50	13.40	10.20	5.50	2.00	1.80	2.60	0.40
2	6.60	10.40	13.80	14.80	13.50	13.40	10.00	5.10	1.90	1.80	2.40	0.30
3	6.80	10.30	13.90	14.70	13.60	13.30	10.00	4.80	1.90	1.70	2.40	0.40
4	7.50	10.10	14.00	14.60	13.70	13.30	9.80	4.50	1.80	1.65	2.30	0.50
5	8.20	10.10	14.00	14.60	13.90	13.30	9.60	4.10	1.80	1.50	2.40	0.30
6	8.70	10.00	14.00	14.70	13.70	13.10	9.40	3.80	1.70	1.50	2.80	0.60
7	9.50	9.90	14.20	14.50	13.70	13.10	9.20	3.55	1.80	1.80	2.70	1.50
8	10.00	9.80	14.70	14.40	13.70	13.00	9.05	3.50	1.70	2.00	2.80	1.40
9	10.30	9.90	14.70	14.20	13.60	12.70	9.00	3.50	1.70	2.40	2.40	1.45
10	10.50	10.00	14.70	14.20	13.60	12.50	8.85	3.50	1.80	2.90	2.30	1.50
11	10·70	10.40	14.90	14.10	13.60	12.30	8.65	3.60	1.70	3.20	2.20	1.40
12	11·00	11.00	15.10	14.20	13.50	12.30	8.50	3.80	1.70	3.50	2.20	1.50
13	10·80	11.50	15.40	14.10	13.50	12.10	8.20	3.90	1.90	3.60	2.10	1.10
14	11·10	11.90	15.50	14.10	13.50	11.90	8.10	4.10	2.10	3.70	2.00	1.10
15	11·30	11.90	15.50	14.10	13.50	11.70	8.00	3.90	2.00	3.55	1.70	1.10
16	11.30	12.20	15.20	13.90	13.50	11.70	7.90	3.90	2.00	3.70	1.30	0.80
17	11.20	12.50	15.20	13.90	13.60	11.70	7.80	3.90	1.90	3.30	1.20	0.70
18	11.40	12.70	15.60	13.80	13 60	11.70	7.70	3.80	1.90	3.10	1.40	0.70
19	11.30	12.90	15.20	13.70	13.60	11.60	7.50	3.70	1.90	2.90	1.30	0.50
20	11.60	12.60	15.30	13.80	13.60	11.50	7.45	3.50	2.00	3.00	1.30	0.50
21	10.40	12.70	15.30	13.80	13.80	11.40	7.40	3.20	2.00	3.10	1.20	1.10
22	10.50	12.90	15.30	13.70	13.70	11.20	7.25	3.00	1.90	3.30	1.50	1.50
23	10.50	12.90	15.40	13.60	13.70	11.20	7.10	2.80	1.90	3.30	1.50	2.50
24	10.50	13.10	15.50	13.60	13.70	11.00	6.95	3.20	1.80	3.60	1.30	2.70
25	10.20	13.40	15.30	13.60	13.70	10.90	6.70	3.20	1.80	3.40	1.20	2.90
26	10.10	13.40	15.20	13.60	13.50	10.80	6.60	2.20	1.70	3.60	1.30	2.90
27	10.00	13.50	15.10	13.50	13.50	10.50	6.50	1.90	1.70	3.90	1.30	3.20
28	10.10	13.70	15.10	13.50	13.50	10.50	6.35	1.90	1.80	3.50	1.40	3.40
29	10.20	13.60	15.10	13.50	13.40	10.30	6.15	1.80	1.80	3.50	0.90	3.45
30	10.30		15.00	13.50	13.40	10.30	5.90	1.80	1.90	3.10	0.55	3.55
31	10.40		15.00		13.30		5.70	1.90		2.90		4.05

Mississippi River.—College Point., La., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.70
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.20
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.10
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.90
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.70
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.40
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.00
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.60
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.70
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.90
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.10
29	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	11.30
30	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	11.40
31	.....		.....		.....		.....	.....		.....		11.60

Mississippi River.—College Point., La., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	11.70	18.05	17.70	20.28	21.08	15.70	10.07	11.70	2.70	4.00	2.90	7.28
2	12.00	18.50	17.85	20.48	21.05	14.40	10.17	11.15	2.85	3.75	2.65	7.43
3	12.30	18.00	17.95	20.32	20.95	14 18	10.15	10.68	2.78	3.85	2.90	7.40
4	12.80	18.05	18.00	20.38	20.88	13.60	10.38	10.30	3.05	3.85	3.15	7.41
5	13.30	18.10	17.95	20.49	20.73	13.10	10.50	9.55	3.60	4.00	3.75	7.53
6	13.70	18.15	18.15	20.59	20.68	12.55	11.18	9.15	3.65	4.00	3.55	7.38
7	14.00	18.00	18.30	20.63	20.61	11.82	11.26	8.80	3.90	3.80	3.65	7.45
8	14.30	17.85	18.45	20.73	20.50	11.82	11.53	8.50	4.20	3.85	3.50	6.75
9	14.70	17.80	18.80	20.71	20.45	11.83	11.75	8.10	4.73	3.60	3.75	7.45
10	15.00	17.50	18.90	20.68	20.34	11.93	11.62	7.60	4.67	3.80	4.05	7.50
11	15.30	17.20	19.05	20.63	20.26	12.20	11.85	7.30	5.08	3.75	4.33	7.48
12	15.60	16.60	19.20	20.83	20.33	12.53	12.35	7.45	5.25	3.65	4.40	7.73
13	15.80	16.20	19.20	20.83	20.24	12.58	12.65	7.55	5.20	3.65	4.48	8.60
14	16.00	15.80	19.20	20.81	20.15	12.60	13.10	5.80	5.33	3.73	4.47	9.65
15	16.10	15.20	19.30	20.93	20.16	12.58	13.53	5.25	5.35	3.55	4.55	10.60
16	16.25	14.60	19.35	21.10	19.96	12.55	13.88	4.95	5.45	3.60	4.65	11.75
17	16.30	14.20	19.45	21.21	19.89	12.38	14.15	4.64	5.50	3.55	4.80	12.30
18	16.50	13.80	19.50	21.30	19.69	12.35	14.33	4.34	5.47	3.58	4.93	12.70
19	16.70	13.80	19.60	21.26	19.93	11.85	14.45	4.35	5.52	3.45	5.25	12.85
20	16.90	13.85	19.70	21.30	19.65	11 65	14.48	4.33	5.47	3.50	5.30	13.05
21	17.00	14.05	19.80	21.30	19.65	11.45	14.48	4.08	5.53	3.45	5.43	13.40
22	17.20	14.35	19.90	21.30	19.48	11.37	14.45	3.90	5.53	3.43	5.63	14.60
23	17.30	15.20	20.00	21.25	19.45	11.25	14.45	3.75	5.53	3.53	5.75	14.48
24	17.50	15.75	20.02	21.13	19.13	11.13	14.45	3.68	5.35	3.25	5.93	14.35
25	17.60	16.30	20.10	21.13	18.93	10.75	14.53	3.65	5.35	3.08	6.25	14.15
26	17.70	16.75	20.20	21.25	18.63	10.45	14.30	3.63	5.18	2.70	6.40	13.55
27	17.80	17.20	20.30	21.25	18.18	10.00	13.95	3.63	4.95	3.05	6.63	12.65
28	17.90	17.40	20.20	21.20	17.58	9.73	13.70	3.55	4.70	3.08	6.83	12.30
29	17.80	17.50	20.20	21.08	16.73	9.68	13.30	3.44	4.25	2.95	7.03	11.95
30	17.95		20.35	21.08	16.40	9.90	12.93	3.20	4.10	2.75	7.08	11.85
31	18.05		20.25		16.30		12.40	2.95		2.70		11.65

Mississippi River.—College Point, La., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	11.38?	13.10	18.60	19.20	18.70	19.00	15.95	5.65	1.70	2.70	9.09	15.00
2	10.75?	13.60	18.60	19.20	18.65	19.10	15.65	5.75	1.65	2.45	9.87	15.15
3	10.55?	14.30	18.70	19.30	18.70	19.10	15.50	5.80	1.70	2.55	9.45	15.20
4	10.38?	14.70	18.65	19.30	18.80	19.10	15.40	5.50	1.60	2.55	9.45	15.40
5	8.85	15.65	18.60	19.30	18.80	19.10	15.30	5.30	1.50	2.70	9.55	15.50
6	8.20	16.00	18.60	19.30	18.79	19.10	15.20	4.70	1.65	2.50	9.55	15.50
7	7.70	16.15	18.60	19.35	18.80	19.10	14.95	4.40	1.70	3.05	9.57	15.62
8	7.20	16.25	18.55	19.30	18.45	18.90	14.75	3.90	1.60	3.40	9.60	15.80
9	7.00	16.05	18.55	19.30	18.92	18.70	14.50	3.45	1.60	3.30	9.50	16.00
10	6.50	15.90	18.70	19.35	18.90	18.50	14.15	3.10	1.55	4.20	9.65	15.95
11	5.65	15.65	18.65	19.30	18.90	18.25	13.95	3.00	1.60	4.30?	9.50	15.80
12	5.10	15.60	18.70	19.30	18.90	18.05	13.70	2.85	1.50	6.22?	9.50	15.65
13	5.20	15.50	18.68	19.30	18.90	17.65	13.60	2.55	1.60	6.30?	9.80	15.50
14	4.65	15.45	18.70	19.20	18.90	17.45	13.35	2.55	2.00	6.60?	9.90	15.40
15	4.40	15.45	18.77	19.12	18.80	17.15	13.05	2.47	2.20	6.90?	9.90	14.95
16	4.25	15.40	19.00	19.10	18.70	16.90	12.75	2.50	1.75	7.55?	9.95	14.20
17	4.08	15.50	18.90	19.05	18.77	16.65	12.55	2.45	1.60	7.82?	10.10	13.65
18	3.85	15.70	19.00	18.95	18.87	16.30	12.15	2.50	1.50	8.00?	10.10	12.95
19	3.85	15.90	19.00	18.90	18.95	15.95	10.55	2.45	1.35	8.10?	10.30	12.55
20	4.05	16.75	18.90	18.85	19.00	15.65	9.90	2.35	1.40	8.15?	11.05	12.20
21	4.10	17.55	18.95	19.00	18.95	15.35	9.20	2.30	1.40	8.20?	11.20	11.15
22	4.65	17.67	18.90	19.10	19.47	15.15	9.00	2.25	1.40	8.30?	11.45	10.75
23	5.20	17.80	18.95	19.10	19.47	15.00	8.60	2.10	1.50	8.40?	11.80	10.55
24	5.90	17.95	18.90	19.00	19.47	14.85	8.20	1.95	1.65	8.50?	12.45	10.25
25	6.70	18.15	18.90	18.90	19.00	15.05	7.95	1.90	2.20	8.70?	12.80	9.90
26	7.20	18.35	18.95	18.90	19.00	15.20	7.70	1.82	2.35	8.70?	13.30	10.15
27	7.90	18.85	19.05	18.45	19.00	15.35	7.62	1.35	2.30	8.90?	13.85	10.60
28	8.60	18.55	19.15	18.42	19.00	15.60	7.50	1.85	2.40	9.20?	14.40	10.80
29	9.45		19.10	18.80	19.00	15.95	7.50	2.05	2.50	9.37	14.60	12.10
30	11.50		19.10	18.70	19.00	16.05	6.55	1.85	2.65	9.85	15.00	12.90
31	12.30		19.15		19.00		5.80	1.85		9.85		13.70

Mississippi River.—College Point, La., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	14.05	19.60	21.50	22.51	20.86	19.50	19.48	18.50	8.15	5.31	2.98	4.98
2	14.53	19.68	21.58	22.53	20.78	19.52	19.47	18.42	7.78	5.05	2.92	5.08
3	15.30	19.88	21.73	22.47	20.71	19.45	19.46	18.30	7.71	4.98	2.92	5.12
4	16.10	19.90	21.78	22.42	20.68	19.47	19.42	18.02	7.60	4.81	2.82	5.28
5	16.45	19.58	21.95	22.45	20.62	19.52	19.42	17.92	7.52	4.62	2.68	5.32
6	16.65	19.93	22.23	22.37	20.32	19.49	19.41	17.17	7.39	4.47	2.61	5.42
7	16.78	19.95	22.38	22.32	20.53	19.38	19.34	16.62	7.28	4.24	2.48	5.42
8	16.82	20.03	22.48	22.27	20.44	19.58	19.22	15.58	7.18	4.15	2 51	5.38
9	16.93	20.07	22.53	22.27	20.40	19.68	19.20	15.32	6.72	4.08	2.58	5.41
10	17.15	20.13	22.55	22.02	20.31	19.80	19.20	15.05	6.30	4.01	2.78	5.32
11	17.23	20.12	22.63	21.93	20.08	19.79	19.10	14.40	5.17	3.70	2.81	5.18
12	17.35	20.13	22.60	21.93	20.02	19.79	19.08	13.72	4.42	2.98	3.01	5.00
13	17.32	20.20	22.73	21.87	19.95	19.62	19.08	13.36	4.71	2.48	3.06	5.04
14	17.50	20.15	22.75	21.85	19.91	19.63	19.06	12.80	4.70	2.67	3.06	5.11
15	17.63	20.18	22.83	21.77	19.88	19.71	19.06	12.62	4.61	2.75	3.09	5.19
16	17.65	20.23	22.78	21.70	19.80	19.63	19.04	12.46	4.51	2.80	3.11	5.28
17	17.70	20.20	22.88	21.63	19.88	19.60	19.00	12.18	4.52	2.91	3.18	5.38
18	18.15	20.28	22.88	21.53	19.83	19.61	19.02	12.04	4.58	2.85	3.28	5.52
19	18.20	20.30	22.95	21.42	19.79	19.61	19.02	11.92	4.51	2.89	3.45	5.58
20	18.33	20.37	22.90	21.38	19.78	19.61	19.02	11.68	4.52	2.99	3.48	5.65
21	18.43	20.48	22.97	21.30	19.70	19.61	19.02	11.48	4.48	2.92	3.32	5.81
22	18.50	20.60	23.12	21.18	19.69	19.60	19.01	11.28	4.55	2.78	3.48	5.65
23	18.63	20.65	23.00	21.03	19.65	19.59	19.04	11.72	4.42	2.66	3.72	5.22
24	18.93	20.78	22.95	20.93	19.68	19.59	19.05	11.28	4.38	2.52	4.02	4.82
25	19.25	20.93	22.92	20.90	19.69	19.57	19.04	9.92	4.55	2.58	4.38	4.32
26	19.30	21.00	23.13	20.94	19.65	19.56	19.01	9.78	4.32	2.58	4.44	4.21
27	19.43	21.23	22.95	20.94	19.64	19.55	18.92	9.58	4.58	2.50	4.62	4.16
28	19.42	21.35	22.83	20.92	19.61	19.53	18.86	9.38	4.70	2.78	4.69	4.16
29	19.43		22.73	20.94	19.61	19.52	18.68	8.90	4.64	2.81	4.82	4.10
30	19.53		22.67	20.90	19.57	19.50	18.58	8.90	4.88	2.91	4.94	4.12
31	19.53		22.65		19.55		18.52	7.66		3.01		4.13

Mississippi River.—College Point, La., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	4.20	9.45	19.03	22.65	22.00	20.98	19.02	16.20	5.28	1.62	3.35	9.12
2	4.38	10.02	18.98	22.88	21.88	20.89	19.02	16.02	5.50	1.65	3.32	9.20
3	4.55	10.63	19.20	23.00	21.82	20.80	19.00	15.70	4.45	1.62	3.28	9.72
4	5.08	11.38	19.33	23.05	21.68	20.75	19.06	15.05	4.18	1.64	3.35	10.20
5	5.32	12.58	19.58	22.98	21.62	20.71	19.05	14.45	4.02	1.60	3.35	10.88
6	6.14	13.74	19.73	23.02	21.60	20.68	19.08	13.98	3.88	1.68	3.28	11.65
7	7.85	13.98	19.97	23.33	21.58	20.65	19.00	13.18	3.72	1.62	3.22	12.32
8	8.38	14.26	20.08	23.25	21.62	20.58	19.02	12.92	3.58	1.58	3.58	12.48
9	8.52	14.48	20.03	23.40	21.58	20.45	18.92	12.35	3.45	1.48	4.02	12.78
10	8.01	14.63	19.95	23.35	21.58	20.32	18.90	11.98	3.38	1.62	4.55	12.82
11	7.48	15.15	19.99	23.14	21.52	20.18	18.82	11.70	3.02	1.58	4.82	12.92
12	7.42	15.20	19.93	22.95	21.55	20.12	18.78	11.45	2.78	1.48	5.42	12.88
13	7.48	15.26	20.08	22.91	21.55	19.90	18.82	11.28	2.26	1.45	6.90	12.90
14	8.22	15.51	20.18	22.89	21.58	19.78	18.80	11.18	2.15	1.56	6.95	13.08
15	8.32	16.05	20.18	22.78	21.62	19.62	18.75	10.87	2.30	1.58	6.85	12.85
16	8.38	16.53	20.23	22.60	21.66	19.58	18.68	10.65	2.12	1.78	6.98	12.58
17	8.62	16.80	20.30	22.50	21.67	19.58	18.60	10.05	2.28	1.98	6.85	12.50
18	8.70	17.15	20.41	22.39	21.62	19.52	18.56	9.81	2.28	2.02	6.98	12.40
19	8.78	17.49	20.50	22.40	21.58	19.38	18.45	9.48	2.15	2.25	7.05	12.15
20	8.48	17.63	20.63	22.30	21.48	19.30	18.38	9.30	2.18	2.50	7.28	11.90
21	8.00	18.04	20.80	22.19	21.42	19.15	18.25	8.98	2.18	2.70	7.58	11.10
22	7.95	18.18	21.08	22.12	21.40	19.42	17.98	8.62	2.15	2.65	7.75	10.92
23	7.90	18.56	21.18	22.09	21.28	19.48	17.90	8.25	2.10	2.78	8.70	10.12
24	7.78	18.32	21.30	22.06	21.08	19.48	17.62	7.95	2.02	2.72	9.40	9.92
25	7.69	18.69	21.37	22.04	21.00	19.37	17.52	7.65	1.98	2.70	9.50	9.78
26	7.78	18.78	21.53	21.98	20.98	19.27	17.45	7.75	2.02	2.84	9.52	9.48
27	7.66	19.01	21.78	21.92	21.02	19.28	17.28	6.88	1.98	3.02	9.48	8.85
28	8.06	19.08	21.95	21.89	20.92	19.07	16.85	6.65	1.95	3.08	9.32	8.40
29	8.78		22.13	21.95	20.90	19.12	16.72	6.12	1.78	3.08	9.18	8.11
30	8.81		22.23	22.00	20.95	19.05	16.55	5.72	1.70	3.28	9.00	8.08
31	9.32		22.40		21.02		16.40	5.40		3.28		8.78

Mississippi River.—College Point, La., 1904.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	9.78	16.15	21.08	23.28	21.38	21.50	16.18	8.75	2.90	2.20	4.95	1.58
2	10.00	16.11	21.08	23.19	21.40	21.43	15.98	8.32	2.80	2.42	4.72	1.32
3	11.28	16.07	21.16	23.22	21.50	21.28	15.84	7.60	2.88	2.52	4.70	1.38
4	12.50	15.88	21.22	23.30	21.58	21.24	15.45	7.10	2.88	2.58	4.78	1.82
5	13.52	15.88	21.55	23.38	21.80	21.21	15.28	6.50	2.90	2.65	4.88	2.68
6	14.38	15.83	21.63	23.22	21.62	20.68	15.10	6.17	2.92	2.82	5.00	3.18
7	15.30	15.65	21.90	22.75	21.62	20.68	14.72	5.96	3.08	3.15	4.72	2.96
8	16.15	15.45	22.13	22.52	21.60	20.43	14.50	5.90	3.05	3.48	4.61	2.98
9	16.28	15.85	22.48	22.52	21.60	20.24	14.30	5.96	3.20	3.85	4.60	2.82
10	16.68	16.08	22.42	22.48	21.60	19.95	14.10	6.05	3.30	4.58	4.50	2.80
11	16.88	16.23	22.60	22.48	21.62	19.68	13.94	6.32	3.20	5.02	4.35	2.78
12	17.12	17.28	23.05	22.45	21.48	19.49	13.72	6.45	3.20	5.42	4.08	2.92
13	17.15	17.83	23.21	22.20	21.48	19.20	13.48	6.52	3.16	5.82	3.78	2.98
14	17.22	18.15	23.30	22.20	21.45	19.08	13.14	6.70	3.25	6.00	3.68	2.72
15	17.28	18.28	23.28	22.15	21.52	18.85	12.95	6.62	3.38	6.02	3.58	2.42
16	17.50	19.08	23.20	22.15	21.60	18.68	12.78	6.42	3.20	6.12	3.40	2.30
17	17.38	19.30	23.28	21.95	21.62	18.61	12.60	6.28	3.10	5.78	3.32	2.20
18	17.20	19.39	23.71	21.88	21.68	18.24	12.34	6.10	3.05	5.48	3.15	2.08
19	17.08	19.52	23.42	21.81	21.76	18.19	12.14	5.82	2.72	5.30	2.90	2.02
20	17.00	19.48	23.55	21.82	21.82	18.13	11.98	5.64	2.50	5.30	2.70	2.22
21	16.95	19.63	23.68	21.88	21.82	17.96	11.72	5.32	2.42	5.35	2.62	3.08
22	16.87	20.06	23.65	21.82	21.78	17.74	11.60	5.05	2.40	5.25	2.52	3.95
23	16.85	20.21	23.75	21.72	21.72	17.64	11.48	4.65	2.60	5.52	2.42	4.52
24	16.88	20.31	24.05	21.72	21.65	17.45	11.10	4.28	2.85	5.65	2.22	5.02
25	16.85	20.38	23.78	21.60	21.65	17.28	10.85	4.00	2.75	5.60	2.40	5.55
26	16.42	20.55	23.68	21.50	21.65	17.12	10.70	3.60	2.60	5.72	2.48	5.90
27	16.10	20.96	23.61	21.50	21.69	17.00	10.42	3.42	2.55	5.95	2.30	6.12
28	16.22	21.00	23.60	21.45	21.68	16.72	10.15	3.12	2.55	5.75	2.12	6.22
29	16.25	21.01	23.55	21.44	21.60	16.58	9.98	2.95	2.50	5.58	1.88	6.32
30	16.21		23.42	21.40	21.57	16.45	9.70	2.92	2.29	5.32	1.78	6.55
31	16.22		23.32		21.52		9.41	2.88		5.15		7.12

Mississippi River.—Plaquemine, La., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	16.20	23.00	23.30	27.40	28.50	.....	12.80	.....	.....	.....	.....	9.30
2	16.50	23.10	23.40	27.70	28.40	.....	13.00	.....	.....	.....	.....	9.70
3	16.80	23.00	23.60	27.50	28.40	.....	13.00	.....	.....	.....	.....	10.00
4	17.50	23.10	.....	27.60	28.30	.....	14.00	.....	.....	.....	.....	10.30
5	18.00	23.10	.....	27.60	28.20	.....	14.30	.....	.....	.....	.....	10.30
6	18.50	23.10	.....	27.60	28.00	.....	14.80	.....	.....	.....	.....	10.20
7	19.10	22.80	.....	27.70	28.00	.....	14.80	.....	.....	.....	.....	10.00
8	19.40	22.40	.....	28.00	27.80	.....	15.00	.....	.....	.....	.....	9.80
9	19.90	22.30	.....	28.00	27.60	.....	15.70	.....	.....	.....	.....	9.80
10	20.20	22.10	.....	28.10	27.50	.....	16.00	.....	.....	.....	.....	10.00
11	20.40	21.70	.....	28.00	27.00	.....	16.40	.....	.....	.....	.....	10.30
12	20.70	21.20	.....	28.00	27.40	.....	17.40	.....	.....	.....	.....	10.70
13	20.90	21.10	.....	28.00	27.40	.....	18.00	.....	.....	.....	.....	.....
14	21.00	20.80	.....	28.10	27.40	.....	18.40	.....	.....	.....	.....	.....
15	21.30	20.40	.....	28.20	27.30	.....	19.00	.....	.....	.....	.....	.....
16	21.60	19.80	.....	28.50	27.00	.....	19.40	.....	.....	.....	.....	.....
17	21.80	19.20	.....	28.70	26.80	.....	19.20	.....	8.00	.....	.....	.....
18	22.00	18.60	.....	28.80	26.50	17.00	19.20	.....	8.00	.....	7.00	.....
19	22.00	18.60	26.00	28.80	26.30	17.00	19.80	.....	8.00	.....	7.30	.....
20	22.00	18.60	26.30	28.80	26.30	16.70	19.80	.....	8.30	.....	7.60	.....
21	22.00	18.20	26.40	28.70	26.10	16.40	20.00	.....	8.50	.....	8.00	.....
22	22.00	18.50	26.40	28.80	26.00	16.20	20.20	.....	8.70	.....	8.40	.....
23	22.00	19.10	26.50	29.00	25.80	16.00	20.20	.....	8.60	.....	8.80	.....
24	22.10	20.50	26.60	29.00	25.60	15.60	20.30	.....	8.40	.....	9.00	.....
25	22.20	21.20	26.70	29.00	25.30	15.00	.....	.....	8.20	.....	9.30	.....
26	22.30	22.30	26.80	28.80	25.00	14.40	.....	.....	7.00	.....	9.00	.....
27	22.40	22.60	27.00	28.80	24.50	14.00	.....	.....	6.50	.....	8.80	.....
28	22.50	23.00	27.00	28.70	23.90	13.50	.....	.....	6.40	.....	8.50	.....
29	22.60	23.30	27.30	28.70	23.50	13.80	.....	.....	.....	.....	8.80	.....
30	22.70		27.40	28.60	.....	13.20	.....	.....	.....	.....	9.00	14.00
31	22.90		27.40		.....		.....	.....		.....		13.60

Mississippi River.—Plaquemine, La., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	13.00	.....	24.20	25.40	25.00	25.50	20.80	9.00	2.50	3.50	10.30	19.50
2	12.80	.....	24.30	25.70	25.00	25.50	21.00	9.00	2.30	3.50	10.70	19.80
3	12.80	.....	24.30	26.00	24.80	25 50	21.00	9.00	2.20	3.40	11.00	20.00
4	12.30	.....	24.30	26.00	24.80	25.40	21.00	8.80	2.00	3.40	11.40	20.20
5	12.00	.....	24.50	26.00	24.80	25.40	20.80	8.20	2.00	3.40	11.40	20.50
6	11.50	.....	24.60	26.00	24.80	25.30	20.30	7.80	1.80	3.50	11.60	20.70
7	11.00	.....	24.60	26.00	25.00	25.30	20.30	7.60	1.80	4.00	11.80	20.70
8	10.30	.....	24.80	26.00	25.40	25.20	20.20	6.60	2.00	4.00	11.80	20.70
9	9.70	.....	24.80	26.00	25.20	25.00	20.00	6.30	2.00	4.00	11.80	20.70
10	9.40	.....	25.00	25.80	25.30	.....	19.70	6.00	1.80	4.00	11.80	20.70
11	8.00	.....	25.00	25.90	25.20	.....	19.20	5.50	1.80	4.20	11.80	20.70
12	7.80	.....	25.20	25.90	25.20	.....	18.70	5.40	1.80	4.50	12.00	20.70
13	7.50	.....	25.30	25.80	25.20	.....	18.30	5.00	1.80	5.00	12.30	.....
14	7.00	.....	25.30	25.70	25.20	.....	18.00	4.80	2.00	5.60	12.50	.....
15	6.70	.....	25.30	25.70	25.20	.....	17.60	4.60	.....	6.00	12.70	.....
16	6.30	.....	25.30	25.60	25.20	.....	17.00	4.50	2.00	6.20	13.00	.....
17	6.80	.....	25.40	25.50	25.40	.....	16.50	4.50	1.80	6.60	13.30	.....
18	6.50	.....	25.60	25.50	25.40	.....	15.80	4.50	1.80	7.00	13.50	.....
19	6.20	21.00	25.60	25.50	25.40	.....	15.00	4.30	1.80	7.40	13.70	.....
20	6.00	21.60	25.40	25.50	25.40	.....	12.00	3.30	1.80	7.80	13.80	.....
21	6.00	22.00	25.20	25.50	25.50	.....	11.30	3.20	1.70	8.00	.....	.....
22	7.40	22.30	25.20	25.50	25.50	.....	10.60	3.00	1.70	8.50	15.00	.....
23	7.70	22.70	25.20	25.50	25.50	20.00	10.50	2.70	1.80	8.80	16.00	.....
24	8.00	23.30	25.20	25.70	25.50	20.00	10.00	2.60	2.00	8.80	16.40	.....
25	.....	23.80	25.20	25.50	25.50	20.00	9.60	2.60	2.00	8.80	17.00	.....
26	.....	24.00	25.20	25.40	25.40	20.20	9.00	2.60	2.40	8.80	17.50	14.50
27	.....	.....	25.40	25.30	25.40	20.40	8.60	2.60	2.70	9.00	18.00	15.00
28	.....	24.00	25.40	25.30	25.40	20.50	8.60	2.40	2.80	9.30	18.40	15.60
29	.....		25.50	25.20	25.40	20.50	8.60	2.40	3.00	9.50	19.00	16.00
30	.....		25.30	25.00	25.40	20.50	8.60	2.40	3.50	9.80	19.30	16.50
31	.....		25.40		25.50		8.80	2.50		10.00		17.60

Readings doubtful.

Mississippi River.—Plaquemine, La., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	18.25	25.70	29.00	30.95	28.70	26.40	26.10	24.85	10.38	8.10	4.50	8.20
2	19.45	25.80	29.10	30.80	28.60	26.30	26.10	24.65	10.10	7.60	4.35	8.30
3	20.10	26.10	29.35	30.70	28.50	26.20	26.10	24.35	9.78	6.83	4.10	8.45
4	20.55	26.10	29.50	30.60	28.35	26.20	26.00	24.10	9.43	6.58	4.10	8.53
5	21.00	26.15	29.65	30.50	28.10	26.25	26.00	23.70	9.05	6.03	4.00	8.75
6	21.40	26.30	29.80	30.35	28.00	26.35	26.00	23.20	8.55	5.75	4.00	8.75
7	21.75	26.45	30.05	30.15	28.00	26.40	26.00	22.55	8.30	5.43	3.88	8.70
8	22.05	26.70	30.20	30.05	28.10	26.55	26.00	21.38	8.18	5.20	3.83	8.60
9	22.30	26.70	30.30	30.00	28.00	26.60	26.00	20.70	8.40	4.95	3.80	8.45
10	22.45	26.80	30.40	29.90	27.80	26.60	25.90	20.03	8.25	4.65	3.80	8.40
11	22.80	27.00	30.50	29.80	27.65	26.50	25.90	19.23	7.75	4.28	3.80	8.35
12	22.80	27.10	30.60	29.90	27.50	26.45	25.80	18.70	7.33	4.03	3.90	8.30
13	22.90	27.10	30.75	29.90	27.35	26.30	25.80	17.85	7.03	3.90	3.90	8.30
14	23.00	27.20	30.90	29.75	27.30	26.20	25.70	17.40	6.65	3.90	4.00	8.20
15	23.00	27.30	30.95	29.50	27.20	26.15	25.65	17.10	6.60	3.80	4.20	8.20
16	23.25	27.30	31.00	29.40	27.05	26.20	25.60	16.70	6.48	3.80	4.35	8.10
17	23.50	27.40	31.00	29.35	27.00	26.15	25.60	16.40	6.43	3.80	4.40	8.00
18	23.55	27.50	31.00	29.30	26.90	26.20	25.60	16.15	6.40	3.80	4.45	7.75
19	23.80	27.60	31.00	29.20	26.75	26.25	25.60	15.78	6.40	3.95	5.15	7.70
20	23.80	27.80	31.20	29.10	26.60	26.25	25.55	15.53	6.35	4.00	5.55	8.15
21	24.60	27.60	31.30	29.10	26.60	26.25	25.55	15.20	6.25	4.00	6.10	7.60
22	24.50	27.60	31.30	29.00	26.60	26.25	25.55	14.60	6.15	3.93	6.38	7.63
23	24.50	27.95	31.30	28.90	26.50	26.25	25.75	14.40	6.00	3.93	6.63	7.08
24	24.85	28.05	31.30	28.80	26.50	26.20	25.60	13.85	5.95	3.90	6.85	6.80
25	25.00	28.30	31.30	28.80	26.40	26.17	25.50	13.18	5.95	4.00	7.10	6.50
26	25.00	28.40	31.30	28.80	26.40	26.15	25.50	12.73	5.73	4.00	7.58	6.20
27	25.00	28.50	31.30	28.70	26.40	26.10	25.40	12.08	6.20	4.23	7.88	5.98
28	25.25	28.75	31.15	28.70	26.40	26.10	25.40	11.63	6.58	4.63	8.20	5.80
29	25.60		31.00	28.70	26.40	26.10	25.20	11.10	7.00	4.63	8.20	5.78
30	25.70		31.00	28.70	26.30	26.10	25.20	10.78	7.75	4.80	8.20	5.75
31	25.70		31.00		26.30		25.00	10.60		4.68		5.70

Readings doubtful.

Mississippi River.—Plaquemine, La., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	6.45	13.30	25.20	29.70	28.65	27.30	25.60	22.08	6.85	1.85	5.00	11.60
2	7.00	14.20	25.40	29.80	28.60	27.10	25.60	21.60	6.48	1.78	5.05	12.20
3	7.65	15.38	25.63	29.93	28.50	27.10	25.52	21.10	6.22	1.72	4.80	13.20
4	8.20	16.50	25.78	29.98	28.50	26.95	25.48	20.53	5.90	1.62	4.80	14.30
5	8.80	17.43	25.80	30.10	28.50	26.90	25.50	19.95	5.60	1.65	4.80	15.00
6	9.28	18.17	25.90	30.15	28.50	26.88	25.50	19.70	5.28	1.52	4.75	15.80
7	10.60	18.70	26.00	30.50	28.40	26.78	25.60	19.22	4.92	1.48	4.80	16.48
8	11.62	19.15	26.30	30.50	28.40	26.70	25.60	18.32	4.65	1.52	5 10	16.90
9	11.45	19.53	26.30	30.73	28.40	26.60	25.55	17.52	4.42	1.75	5.62	17.20
10	11.20	19.85	26.30	30.55	28.40	26.60	25.62	16.35	4.12	1.90	6.32	17.40
11	10.60	20.15	26.30	30.40	28.40	26.55	25.70	15.80	3.85	1.92	7.40	17.50
12	10.30	20.43	26.35	30.35	28.35	26.50	25.70	15.78	3.60	1.88	9.35	17.50
13	10.52	20.68	26.43	30.20	28.30	26.38	25.70	15.50	3.30	1.90	9.80	17.60
14	10.65	20.95	26.50	30.03	28.30	26.32	25.62	15.22	3.25	1.80	9.80	17.70
15	11.50	21.35	26.55	29.98	28.20	26.25	25.52	14.92	3.25	1.75	9.90	17.70
16	12.05	21.85	26.73	29.75	28.30	26.00	25.42	14.30	3.20	2.00	9.95	17.65
17	12.00	22.40	26.83	29.58	28.20	26.00	25.42	13.60	3.42	2.80	9.88	17.28
18	11.20	22.85	26.95	29.40	28.30	25.85	25.35	13.22	3.25	.....	10.00	17.00
19	10.68	23.28	27.13	29.25	28.40	25.85	25.35	12.90	3.00	3.28	10.28	16.78
20	10.42	23.43	27.33	29.20	28.40	25.80	25.22	12.60	2.80	3.40	10.78	16.58
21	10.48	23.70	27.45	29 15	28.35	25.80	25.02	12.28	2.70	3.30	11.05	15.22
22	10.80	23.98	27.60	29.10	28.20	25.70	24.80	11.82	2.60	3.70	11.38	14.80
23	11.05	24.38	27.83	29.10	28.05	25.68	24 35	11.35	2.52	3.80	11.80	14.40
24	11.10	24.75	28.15	29.00	27.82	25.68	24.12	10.88	2.50	3.90	11.85	14.15
25	11.10	24.80	28.35	28.90	27.70	25.68	23.95	10.38	2.35	3.90	11.90	13.58
26	11.05	24.85	28.45	28.80	27.65	25.65	23.62	9.85	2.15	4.00	12.05	12.98
27	11.15	25.03	28.63	28.70	27.50	25.65	23.38	9.38	2.10	4.22	12.10	12.55
28	11.60	25.20	28.93	28.65	27.40	25.65	23.22	8.90	1.95	4.45	12.00	11.92
29	11.78		29.15	28.62	27.40	25.65	23.08	8.38	1.98	4.75	11.95	11.55
30	12.03		29.35	28.65	27.40	25.62	22.82	7.85	1.85	4.85	11.70	11.40
31	12.55		29.58		27.40		22.45	7.32		5.05		12.25

Mississippi River.—Plaquemine, La., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	13.20	21.40	27.40	31.22	29.10	29.30	22.45	12.12	4.20	2.90	7.05	4.80
2	14.22	21.38	27.55	31.12	29.20	29.23	22.12	11.45	4.10	3.00	6.90	5.00
3	15.30	21.35	27.70	31.08	29.30	29.10	21.78	10.70	4.20	3.00	6.85	5.00
4	16.35	21.18	27.80	31.02	29.30	29.05	21.45	10.02	4.30	3.10	7.00	5.58
5	17.45	20.98	27.85	31.20	29.50	28.83	21.15	9.35	4.12	3.32	7.00	6.15
6	18.25	21.00	28.25	31.10	29.40	28.60	20.90	8.90	4.00	3.60	7.00	6.72
7	19.65	20.92	28.50	30.78	29.40	28.38	20.45	8.70	4.20	4.05	7.00	7.00
8	20.62	20.78	29.10	30.68	29.40	28.13	20.10	8.70	4.30	4.60	7.00	7.00
9	21.50	20.80	29.00	30.50	29.40	27.73	19.78	8.75	4.35	5.55	6.82	7.10
10	21.98	21.05	29.25	30.40	29.40	27.45	19.48	8.95	4.38	6.35	6.50	7.10
11	22.15	21.65	29.40	30.30	29.40	27.10	19.20	9.10	4.35	7.05	6.40	7.20
12	22.68	22.48	29.95	30.35	29.30	26.80	18.85	9.28	4.40	7.58	6.30	7.20
13	23.00	23.35	30.20	30.18	29.30	26.70	18.58	9.30	4.45	7.95	6.05	7.00
14	23.00	23.73	30.43	30.05	29.40	26.28	18.20	9.35	4.50	8.30	5.80	7.00
15	23.00	24.28	30.50	29.95	29.42	26.05	17.90	9.30	4.58	8.58	5.72	6.95
16	23.00	24.80	30.20	29.80	29.55	25.65	17.55	9.15	4.75?	8.70	5.45	6.72
17	23.00	25.18	30.12	29.75	29.62	25.52	17.35	8.95	4.00?	8.40	5.05	6.70
18	23.00	25.35	30.90	29.68	29.75	25.32	17.05	8.65	3.78	7.80	5.00	6.70
19	23.10	25.48	30.85	29.55	29.75	25.02	16.78	8.30	3.50	7.50	4.80	6.60
20	22.88	25.73	30.85	29.55	29.80	24.88	16.52	7.95	3.22	7.50	4.62	6.45
21	22.50	25.88	31.05	29.45	29.78	24.65	16.30	7.55	3.15	7.52	4.50	6.25
22	22.38	26.20	31.22	29.40	29.75	24.50	16.10	7.18	3.15	7.75	4.50	6.25
23	22.10	26.45	31.40	29.40	29.75	24.28	15.75	6.70	3.20	7.80	5.00	6.88
24	21.85	26.60	31.60	29.25	29.75	24.00	15.38	6.28	3.30	7.90	4.88	7.40
25	21.62	26.78	31.38	29.20	29.75	23.78	15.05	5.82	3.22	8.00	4.50	7.90
26	21.35	27.00	31.35	29.10	29.75	23.62	14.72	5.35	3.05	8.28	4.50	8.10
27	21.40	27.10	31.35	29.10	29.70	23.35	14.45	4.88	3.00	8.50	4.50	8.45
28	21.40	27.20	31.35	29.10	29.60	23.05	14.15	4.55	3.00	8.45	4.50	9.00
29	21.38	27.28	31.38	29.10	29.55	22.95	13.72	4.38	3.00	8.02	4.50	9.45
30	21.40		31.40	29.10	29.52	22.78	13.30	4.25	3.00	7.48	4.60	9.70
31	21.40		31.35		29.50		12.75	4.22		7.28		10.25

Mississippi River.—Baton Rouge, La., 1872.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.
1	2.30	6.93	7.53	14.43	29.25	25.90	22.95	14.65	5.17	2.77	2.57	2.60
2	2.16	6.80	8.13	14.60	29.39	26.00	22.57	14.87	5.32	2.90	2.65	2.50
3	2.12	6.30	8.60	14.93	29.45	26.10	21.90	15.25	5.27	2.77	2.55	2.60
4	2.00	5.85	9.25	15.33	29.55	26.10	21.20	15.42	4.97	2.90	3.05	2.40
5	2.19	5.55	9.73	15.72	29.59	26.10	20.70	15.47	4.82	3.05	3.37	2.30
6	2.56	5.80	10.25	16.90	29.60	26.05	19.95	15.50	4.72	3.30	3.20	2.20
7	2.90	5.65	10.60	17.43	29.65	26.00	19.00	15.67	4.62	3.50	2.85	1.80
8	2.95	5.52	11.00	17.43	29.62	26.00	18.20	15.60	4.55	3.90	2.80	1.45
9	3.45	5.15	11.15	17.52	29.55	25.88	17.24	15.47	4.47	3.62	3.00	1.27
10	3.71	4.70	11.25	17.67	29.33	25.95	16.25	15.25	4.57	3.60	2.00	1.45
11	4.10	4.40	11.25	18.10	29.10	25.80	16.15	14.82	4.45	2.90	1.90	2.40
12	4.29	4.25	10.91	18.80	28.80	25.55	15.47	14.27	4.35	3.20	1.90	1.55
13	4.68	4.35	10.80	19.60	28.28	25.30	14.85	13.62	4.12	2.70	1.85	1.30
14	5.00	4.00	10.70	20.50	27.70	25.12	14.37	12.92	3.95	2.47	1.95	1.23
15	5.67	3.90	10.55	21.30	27.25	24.95	13.95	12.15	3.57	2.50	1.70	1.67
16	6.17	4.05	10.30	22.32	26.43	24.85	13.57	11.27	3.50	2.40	1.70	2.17
17	6.76	4.10	10.25	23.25	25.73	24.73	13.32	10.57	3.47	2.65	1.75	1.80
18	7.35	4.40	10.45	24.20	25.00	24.68	13.05	10.85	3.55	2.80	2.43	2.20
19	8.15	4.50	10.60	25.10	24.35	24.70	12.67	9.12	3.47	2.95	2.15	1.80
20	8.30	4.80	10.60	25.75	23.73	24.85	12.40	8.55	3.45	2.90	2.30	2.65
21	8.30	5.20	10.65	26.37	23.25	24.90	12.50	7.97	3.37	3.04	2.45	1.43
22	8.29	5.09	10.80	27.03	22.95	25.00	11.95	7.42	3.57	3.30	2.45	1.15
23	8.20	5.51	11.50	27.47	23.15	25.30	11.42	6.75	3.52	3.35	2.45	1.57
24	7.95	5.95	11.90	27.65	23.25	25.30	11.17	6.35	3.57	2.70	2.20	1.70
25	7.85	6.05	13.00	27.98	24.10	24.78	11.15	5.95	3.27	2.20	2.18	2.15
26	7.70	6.19	13.40	28.05	24.62	24.58	11.52	5.77	3.17	1.95	2.40	1.85
27	7.33	6.20	13.40	28.38	24.62	24.30	12.25	5.55	3.12	2.05	2.40	1.35
28	7.30	6.35	13.55	28.60	24.85	24.00	13.22	5.37	2.97	2.00	2.35	1.51
29	7.00	7.13	13.75	28.82	25.10	23.70	13.87	5.25	2.92	2.05	2.30	1.85
30	6.80		13.91	29.00	25.35	23.35	14.22	5.15	2.85	2.20	2.20	2.05
31	6.60		14.20		25.60		14.55	5.12		2.20		2.37

Mississippi River.—Baton Rouge, La. 1873

Day	January.	February.	March.	April.	May.	June.	July	August.	September.	October	November	December
1	2.32	10.70	25.10	23.57	28.10	29.80	27.65	18 33	4.58	3.00	2.58	4.58
2	3.20	11.07	25.90	23.57	28.12	29.80	27.35	17 40	4.45	2.90	2.70	5.25
3	2.80	11.70	26.10	23.60	28.00	29.80	26.90	16.45	4.20	2.90	3.05	5.88
4	3.15	12.35	26.45	23.80	28.10	29.80	26.45	15.70	4.00	2.90	3.20	6.30
5	4.50	12.89	26.70	23.95	28.10	29.77	26.05	14.95	3.75	3.00	3.60	6.95
6	4.79	13.25	26.95	24.10	28.67	29.75	25.65	14.28	3.60	3.50	3.70	7.48
7	5.35	13.30	27.25	24.50	28.60	29.73	25.30	13.70	3.60	3.50	3.48	7.82
8	5.45	13.03	27.55	24.80	28.60	29.75	24.90	13.20	3.95	3.65	3 40	8.25
9	5.40	12.85	27.83	25.00	28.40	29.75	24.30	13.12	4.05	3.00	3.30	8.62
10	5.31	12.50	28.00	25.15	28.40	29.75	23.93	12.55	4.35	3.55	3.38	9.30
11	4.95	12.15	28.10	25.45	28.40	29.75	23.58	11.95	4.35	3.45	3.75	10.15
12	4.70	11.90	28.25	25.80	28.35	29.78	23.35	11.38	3.98	3.40	4 10	11.10
13	4.60	11.27	28.20	25.90	28.25	29.77	23.08	10.95	3.98	3.30	4.28	12.10
14	4.88	10.80	28.20	26.15	28.37	29.80	22.95	10.22	3.80	3.13	4.60	12.88
15	5.25	10.60	28.22	26.40	28.40	29.73	22.95	9.70	3.75	2.98	4.80	14.05
16	6.40	10.60	28.32	26.60	28.43	29.83	22.95	9.15	3.50	2.98	5.03	15.40
17	6.45	10.67	28.20	26.75	28.47	29.85	23.00	8.55	3.60	2 95	5.10	16 65
18	7.10	11.40	28.10	26.97	28.50	29.70	23.10	8.00	4.00	2.88	5.10	17 78
19	7.65	13.10	28.00	27.10	28.70	29.63	23.20	7.60	4.12	2.50	4.65	18.70
20	8.45	15.25	27.85	27.25	28.80	29.40	23.28	7.00	4.18	2.35	4.30	19.60
21	9.20	17.50	27.45	27.40	28.80	29.20	23.30	6.70	3.95	2.55	4.30	20.40
22	9.77	19.20	26.90	27.55	28.80	29.00	23.45	6.65	3.65	2.40	4.35	21.25
23	10.15	20.45	26.30	27.70	28.85	28.85	23.40	6.60	3.70	2.75	4.82	21 85
24	10.15	21.50	26.10	27.75	28.87	28.68	23.25	6.22	3.45	2.75	4.90	22.40
25	10.20	22.50	25.60	27.80	28.95	28.50	22.98	5.95	3.40	2.95	4.25	23.00
26	10.20	23.33	25.00	27.75	29.00	28.33	22.70	5.85	3.40	2.95	4.00	23.45
27	10.25	24.10	24.60	27 70	29.10	28.18	22.25	5.75	3.50	3.20	4.00	23.80
28	10.50	24.55	24.23	27 70	29.30	28.05	21.65	5.75	3.55	2.85	4.12	23.98
29	10.60		24.00	27 75	29.50	28.05	20.95	5.55	3.40	2.45	4.12	24.25
30	10.50		23.80	27 80	29.57	27.98	20.05	5.00	3.20	2.58	4.12	24.48
31	10.60		23.67		29.67		19.20	4.82		2.45		24.70

Mississippi River.—Baton Rouge, La., 1874.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	24.95	22.85	25.20	32.75	32.90	31.45	20.40	5.55	3.35	3.60	3.00	2.60
2	25.00	22.90	26.00	33.00	32.85	31.40	19.85	5.40	3.95	3.25	2.70	2.75
3	24.87	23.15	26.50	33.15	32.85	31.25	19.30	5.15	4.25	3.30	2.50	2.90
4	24.80	23.40	26.70	33.35	32.85	31.15	18.90	5.15	4.20	3.30	2.40	3.15
5	24.60	23.70	27.30	33.73	32.80	31.05	18.55	5.15	4.10	3.30	2.50	3.50
6	24.30	25.00	27.60	33.85	32.75	30.95	18.55	5.15	3.90	3.45	2.50	4.40
7	23.53	24.90	27.85	34.10	32.70	30.80	17.65	5.10	3.70	3.75	2.55	4.50
8	22.90	25.10	27.90	34.42	32.70	30.55	16.50	5.05	3.40	3.90	2.80	4.70
9	22.07	25.40	28.00	35.00	32.70	30.30	15.35	4.90	3.35	4.20	2.95	4.90
10	21.10	25.60	28.10	35.20	32.70	30.00	14.40	4.75	3.30	4.40	3.15	5.10
11	20.10	25.80	28.35	35.50	32.65	29.60	13.80	4.75	3.60	4.60	3.20	5.30
12	19.00	26.00	28.40	35.65	32.60	29.10	13.30	4.95	4.00	4.60	3.10	5.25
13	17.90	26.10	28.50	35.85	32.55	28.75	12.50	5.10	4.55	4.70	3.10	5.45
14	16.95	26.10	28.70	36.03	32.55	28.30	11.80	5.20	5.05	4.60	3.10	5.40
15	16.08	26.00	29.10	36.03	32.45	27.70	11.40	5.40	5.45	4.15	3.25	5.40
16	15.50	25.88	29.40	36.15	32.40	27.20	11.05	5.60	5.50	4.00	3.10	5.55
17	15.40	25.70	29.70	34.80	32.30	26.60	10.60	5.60	5.45	3.70	3.50	5.40
18	15.75	25.50	29.85	34.25	32.30	26.10	10.30	5.75	5.15	3.60	3.40	5.35
19	16.43	24.92	29.95	34.15	32.30	25.50	9.90	5.75	4.85	3.20	3.15	5.30
20	17.60	24.42	30.10	33.90	32.25	24.90	9.50	5.40	4.55	3.10	2.80	5.20
21	18.85	24.00	30.35	33.65	32.15	24.40	9.20	5.20	4.25	2.90	2.30	4.55
22	19.95	23.40	30.47	33.55	32.15	24.00	8.85	5.10	3.90	3.00	2.75	4.65
23	20.98	23.20	30.70	33.55	32.00	23.60	8.50	4.75	3.70	3.00	3.00	4.45
24	21.75	22.85	30.95	33.55	32.00	23.25	8.00	4.25	3.80	3.10	2.80	4.40
25	22.35	22.85	31.20	33.45	31.90	22.85	7.80	3.90	3.90	3.35	3.50	4.40
26	22.70	23.22	31.40	33.30	31.80	22.50	7.45	3.55	3.80	3.55	3.20	4.95
27	22.95	23.70	31.60	33.20	31.80	22.05	7.00	3.40	3.90	3.55	3.30	4.25
28	23.10	24.38	31.77	33.10	31.75	21.65	6.80	3.40	4.05	3.75	3.30	4.05
29	22.98		32.05	33.00	31.75	21.30	6.50	3.45	3.95	3.70	2.40	3.80
30	22.90		32.47	33.00	31.60	20.90	6.15	3.35	3.45	3.50	2.80	3.70
31	22.85		32.53		31.60		5.80	3.40		3.40		3.80

Mississippi River.—Baton Rouge, La., 1875.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	3.95	7.20	15.90	27.50	29.65	27.40	19.15	24.10	27.25	18.10	5.05	9.00
2	4.35	7.00	15.60	27.30	29.70	27.10	19.40	24.20	27.25	18.10	4.70	9.50
3	4.65	7.50	15.30	27.50	29.60	26.60	19.55	24.35	27.25	18.05	4.70	9.90
4	5.30	7.50	14.80	27.60	29.60	26.35	19.75	24.50	27.25	17.95	4.80	10.30
5	5.85	7.90	14.75	27.65	29.60	25.95	19.90	24.60	27.10	18.10	4.80	11.80
6	6.95	8.40	15.00	27.75	29.55	25.60	20.00	24.90	26.85	17.55	5.00	12.65
7	8.15	9.60	15.75	27.85	29.55	25.35	20.20	24.95	26.55	17.00	5.00	13.65
8	9.20	10.95	16.85	28.00	29.45	25.05	20.45	25.05	26.15	16.20	4.60	14.30
9	10.30	12.50	17.65	28.40	29.55	24.80	20.65	25.25	25.60	15.40	4.50	14.90
10	11.40	14.30	18.35	28.25	29.55	24.30	20.85	25.30	24.90	14.60	4.40	15.35
11	12.35	16.50	21.90	28.30	29.60	23.80	21.00	25.35	24.20	13.65	4.10	15.65
12	13.25	17.10	23.50	28.35	29.65	23.35	21.20	25.60	23.40	12.80	4.10	15.75
13	14.00	18.00	23.95	28.35	29.75	22.85	21.40	25.60	22.50	11.95	4.10	15.70
14	14.70	18.80	24.50	28.35	29.65	22.30	21.55	25.75	21.50	11.05	4.50	15.50
15	15.10	20.20	24.95	28.40	29.65	21.95	21.55	25.95	20.65	10.45	4.55	15.30
16	15.60	20.80	24.95	28.50	29.60	21.70	21.55	26.10	19.55	9.80	4.45	14.90
17	15.80	21.10	25.15	28.50	29.60	21.55	21.50	26.55	18.55	9.25	4.30	14.60
18	15.85	21.25	25.35	28.60	29.55	21.50	21.65	26.40	18.40	8.55	4.30	14.25
19	15.55	21.10	25.65	28.70	29.40	21.45	21.70	26.40	17.60	8.05	4.30	13.95
20	15.15	21.00	26.00	28.75	29.30	21.45	21.75	26.45	17.40	7.75	4.30	13.70
21	14.70	20.50	26.00	29.00	29.20	21.25	21.85	26.55	17.40	7.45	4.30	13.60
22	13.90	19.85	26.20	29.05	29.10	21.05	22.00	26.65	17.45	7.25	4.85	13.60
23	13.20	19.45	26.20	29.15	29.00	20.75	22.10	26.70	17.50	7.05	5.35	13.55
24	12.50	18.75	26.45	29.15	28.90	20.35	22.35	26.75	17.80	6.80	6.00	13.80
25	11.90	18.25	26.55	29.20	28.75	19.85	22.50	26.85	18.00	6.55	6.60	14.40
26	11.30	17.50	26.70	29.30	28.65	19.45	22.80	26.85	19.00	6.25	7.20	15.05
27	10.40	17.00	26.80	29.40	28.50	19.05	23.05	26.95	18.70	6.00	7.60	15.45
28	9.45	16.40	26.95	29.45	28.30	18.85	23.25	27.00	18.40	5.80	7.90	15.45
29	8.80		26.95	29.55	28.10	18.80	23.45	27.05	18.25	5.60	8.30	15.65
30	8.15		27.15	29.60	27.85	18.90	23.60	27.15	18.10	5.60	8.70	15.70
31	7.70		27.35		27.60		23.85	27.20		5.20		15.70

Mississippi River.—Baton Rouge, La., 1876.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	15.50	25.80	29.10	30.60	32.75	32.45	27.55	26.05	13.85	15.00	5.20	6.00
2	15.40	25.90	29.25	30.70	32.95	32.50	27.35	26.00	13.60	14.90	5.55	5.85
3	15.50	25.90	29.25	30.65	32.85	32.35	27.15	25.85	13.45	14.80	5.55	5.85
4	16.00	26.30	29.30	30.65	32.95	32.20	27.00	25.70	13.00	14.60	5.55	5.85
5	17.00	26.40	29.35	30.55	33.00	32.10	26.95	25.50	12.75	14.65	5.55	5.85
6	18.40	26.40	29.70	30.55	33.05	32.00	26.80	25.10	12.50	14.85	5.55	5.85
7	19.65	26.85	29.85	30.50	33.10	31.80	26.70	24.10	12.25	14.90	5.55	5.85
8	21.10	27.20	29.60	30.65	33.40	31.70	26.55	24.70	12.00	15.10	5.45	6.00
9	22.20	27.25	29.75	30.60	33.30	31.65	26.45	24.10	11.75	15.10	5.20	6.25
10	22.90	27.25	29.85	30.60	33.20	31.60	26.35	23.75	11.35	15.00	5.55	6.40
11	23.20	27.40	29.90	30.55	33.25	31.45	26.30	22.95	10.95	14.50	5.85	6.50
12	23.60	27.50	30.00	30.55	33.30	31.25	26.20	22.35	10.65	14.10	6.30	6.45
13	23.85	27.60	30.00	30.70	33.30	31.25	26.10	21.50	10.40	13.50	6.60	6.30
14	24.20	27.75	29.90	30.90	33.35	31.00	26.15	20.70	10.15	12.85	6.70	6.25
15	24.50	27.65	30.25	30.80	33.40	30.80	26.10	19.95	9.95	12.30	6.90	5.80
16	24.70	27.85	30.25	30.85	33.40	30.60	26.05	19.30	10.10	11.45	7.15	5.40
17	24.90	27.95	30.05	31.00	33.35	30.35	26.05	18.70	10.35	10.65	7.15	4.90
18	25.05	28.05	30.15	31.15	33.20	30.15	26.05	18.10	10.70	9.90	7.20	4.45
19	25.25	28.10	30.15	31.30	33.20	29.85	26.00	17.70	11.10	9.45	7.00	4.10
20	25.30	28.10	30.50	31.50	33.10	29.55	26.10	17.35	11.80	8.75	7.00	3.50
21	25.30	28.50	30.15	31.55	33.00	29.05	26.05	17.00	12.00	8.00	6.90	3.30
22	25.40	28.60	30.25	31.75	32.95	28.80	26.05	16.60	12.45	7.50	6.85	3.25
23	25.35	28.65	30.25	31.85	32.90	28.50	26.10	16.40	12.75	7.05	6.95	3.00
24	25.25	28.65	30.50	31.90	32.80	28.35	26.05	16.20	13.00	6.40	6.75	3.20
25	25.10	28.75	30.45	32.10	32.70	28.20	26.15	15.85	13.40	6.00	7.05	2.75
26	25.00	28.75	30.50	32.30	32.65	28.15	26.10	15.50	13.65	5.70	6.75	2.70
27	25.10	29.00	30.45	32.40	32.65	28.05	26.05	15.20	14.05	5.40	6.65	2.70
28	25.10	28.95	30.50	32.55	32.60	27.95	26.05	14.90	14.60	5.30	6.50	2.70
29	25.65	29.00	30.40	32.60	32.50	27.80	26.10	14.50	14.90	5.20	6.50	2.25
30	25.75		30.50	32.70	32.50	27.65	26.10	14.25	15.00	5.15	6.35	1.70
31	25.60		30.60		32.45		26.05	14.00		5.20		1.70

Mississippi River.—Baton Rouge, La., 1877.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	2.50	20.00	15.50	21.75	27.30	29.65	28.30	19.60	4.90	5.05	6.60	12.00
2	2.00	20.65	15.10	22.00	27.40	29.60	28.20	19.20	4.60	5.25	6.60	12.50
3	1.90	21.65	14.00	22.10	27.55	29.60	28.20	18.80	4.45	5.20	6.70	13.50
4	1.25	22.00	13.50	22.70	27.70	29.65	28.15	18.40	4.35	4.70	7.00	14.20
5	1.50	22.40	13.00	22.85	27.85	29.60	28.10	18.00	4.25	4.70	7.30	14.60
6	1.80	22.80	12.30	22.85	27.95	29.50	28.10	17.30	4.15	4.70	7.60	14.90
7	1.50	23.00	12.00	22.90	28.25	29.40	28.00	16.70	4.10	4.50	8.00	15.20
8	1.50	23.25	11.00	23.40	28.25	29.30	27.90	16.00	4.20	4.30	9.50	15.70
9	0.90	23.25	10.80	24.00	28.25	29.10	27.85	15.50	4.30	4.00	9.60	16.20
10	1.50	23.10	10.65	24.40	28.35	29.00	27.70	14.60	4.50	3.80	9.80	17.00
11	1.45	22.80	10.40	24.50	28.40	28.70	27.65	13.75	4.60	3.60	10.00	17.45
12	2.50	22.30	10.35	25.00	28.50	28.55	27.65	12.70	4.50	3.60	10.10	18.00
13	1.80	21.70	10.20	25.30	28.55	28.55	27.65	11.85	4.45	3.60	10.20	18.20
14	2.00	21.05	10.25	25.30	28.65	28.55	27.60	11.10	4.40	3.80	10.40	18.20
15	2.70	20.15	10.25	25.60	28.70	28.70	27.50	10.80	4.50	3.90	10.80	17.95
16	2.70	19.70	10.25	25.90	28.80	29.00	27.45	10.20	4.60	3.75	11.00	17.60
17	2.80	19.00	10.30	26.10	28.85	29.00	27.40	9.60	4.70	3.65	11.00	17.00
18	2.50	18.60	10.65	26.20	28.90	28.90	27.35	9.00	5.25	3.50	11.10	16.70
19	2.20	18.30	11.25	26.30	29.05	28.85	26.90	8.45	6.20	4.00	11.10	16.30
20	2.50	18.00	12.25	26.40	29.15	28.80	26.75	8.00	5.00	3.50	11.80	16.00
21	2.90	17.95	13 65	26.50	29.15	28.75	26.40	7.50	4.50	3.20	11.60	15.95
22	3.40	17.80	15 05	26.70	29.15	28.65	25.85	7.00	4.40	3.10	11.40	15.50
23	4.00	17.75	16.30	26.80	29.40	28.65	24.80	6.60	4.50	3.10	11.05	15.20
24	5.50	17.50	17.45	27.00	29.40	28.55	24.35	6.40	4.55	3.30	10 95	15.05
25	7.50	17.20	18.45	27.10	29.40	28.50	24.00	6.40	4.60	3.90	11.05	14.90
26	10.00	16.70	19.45	27.00	29.45	28.40	23.00	6.25	4.55	4.40	11.05	14.70
27	12.50	16.20	20.20	27.10	29.30	28.40	22.70	6.10	4.60	5.40	11.00	14.50
28	14.60	15.90	20.75	27.40	29.35	28.40	22.00	6.00	4.50	6.00	11.20	14.70
29	16.65		21.10	27.40	29.40	28.35	21.20	5.90	4.40	6.30	11.45	14.70
30	18.00		21.40	27.30	29.40	28.35	20.70	5.50	4.50	6.50	11.60	14.70
31	19.00		21.70		29.60		20.00	5.20		6.60		14.70

Mississippi River.—Baton Rouge, La., 1878.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.
1	15.50	22.75	25.70	28.15	25.95	28.05	25.75	15.60	8.50	7.95	3.95	3.70
2	16.00	22.95	25.80	28.10	26.20	28.30	25.75	15.00	8.40	8.50	3.65	3.60
3	16.80	23.00	25.80	28.00	26.50	28.40	25.70	14.40	8.40	8.65	3.60	3.50
4	17.50	22.90	25.80	27.90	26.90	28.40	25.65	14.00	8.40	8.50	3.50	3.80
5	18.65	22.85	25.85	27.50	27.50	28.50	25.65	13.70	8.50	8.35	3.45	4.00
6	19.45	22.85	26.00	27.30	28.00	28.60	25.50	13.50	8.30	8.00	3.30	4.30
7	20.50	23.15	26.30	26.90	28.10	28.65	25.50	13.20	8.10	7.70	3.90	4.70
8	21.30	23.20	26.50	26.60	28.30	28.70	25.20	13.10	8.00	7.25	3.80	5.70
9	22.00	23.45	26.70	26.60	28.30	28.80	24.95	13.20	8.00	6.60	3.70	6.10
10	22.40	23.75	26.75	26.30	28.40	28.80	24.90	13.20	8.00	6.50	3.80	8.00
11	22.70	24.15	26.45	26.30	28.50	28.80	24.80	13.50	8.00	6.40	4.00	10.00
12	23.00	24.15	26.60	25.50	28.55	28.75	24.70	13.50	8.00	5.95	4.10	11.90
13	23.10	24.65	26.85	25.05	28.60	28.75	24.60	13.50	7.55	7.00	4.00	13.50
14	23.20	24.90	26.95	24.85	28.75	28.60	24.40	13.40	7.30	6.90	4.20	14.60
15	23.00	24.80	27.05	24.50	28.70	28.50	24.20	13.30	7.30	6.90	4.70	14.70
16	22.90	24.75	27.15	24.20	28.70	28.00	24.10	13.10	7.30	6.95	4.50	15.80
17	22.75	24.75	27.25	23.90	28.70	27.50	24.05	11.90	7.40	7.00	4.60	15.90
18	22.50	24.60	27.50	23.85	28.70	26.90	23.90	11.60	7.60	6.90	4.90	16.30
19	22.35	24.60	27.50	23.85	29.35	26.50	23.70	11.30	6.00	6.60	4.70	16.60
20	22.00	24.65	27.70	23.90	29.00	26.25	23.30	12.00	5.95	6.50	4.30	17.30
21	21.75	24.60	27.80	23.90	28.85	25.90	23.00	12.60	5.85	6.10	4.10	17.70
22	21.45	24.45	27.85	23.95	28.75	25.80	22.50	11.30	5.80	6.40	3.70	18.00
23	21.15	24.70	27.90	24.00	28.65	25.70	22.00	11.00	5.75	5.10	3.80	18.30
24	21.05	24.90	27.90	24.50	28.60	25.65	21.40	10.90	5.55	4.00	3.90	18.50
25	21.00	25.00	27.90	24.65	28.50	25.65	20.70	10.80	5.45	3.80	4.00	18.80
26	21.05	25.25	27.90	24.80	28.30	25.60	19.80	10.20	5.40	3.80	4.30	18.95
27	21.35	25.55	27.95	24.90	28.05	25.60	19.20	9.80	5.50	4.30	4.00	19.00
28	21.75	25.60	28.10	25.00	28.05	25.70	18.30	9.30	6.05	4.50	3.60	19.00
29	22.00		28.00	25.50	28.00	25.75	17.70	8.90	6.25	4.80	3.80	19.20
30	22.55		28.00	25.75	28.05	25.75	16.90	8.70	7.30	4.00	3.70	19.30
31	22.65		28.10		28.00		16.30	8.60		4.20		19.35

Mississippi River.—Baton Rouge, La., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	19.40	24.30	23.90	23.60	24.70	11.50	9.30	6.40	5.60	5.60	3.20	6.70
2	19.10	24.50	23.90	23.80	24.50	11.00	9.30	6.30	8.70	5.45	3.30	6.70
3	18.60	24.90	23.90	24.10	24.50	10.50	9.25	6.30	7.20	5.30	3.40	6.70
4	18.00	25.30	23.90	24.30	24.00	10.20	9.20	6.30	7.10	5.30	3.50	6.70
5	17.30	25.30	24.00	24.45	23.50	9.20	9.10	6.30	6.90	5.40	3.70	6.70
6	16.20	25.40	24.00	24.45	23.10	9.20	9.00	6.30	6.75	5.70	3.90	6.70
7	14.50	25.45	24.10	24.45	22.40	9.20	9.00	6.30	6.60	4.90	3.70	6.70
8	13.40	25.50	24.50	24.45	22.10	9.20	9.00	6.20	6.50	3.50	3.50	6.75
9	12.80	25.50	24.40	24.45	21.50	9.20	9.00	6.20	6.35	3.35	3.50	6.80
10	11.10	25.55	24.00	24.45	21.20	9.20	9.20	6.20	6.40	3.25	3.40	7.00
11	10.20	25.60	23.70	24.45	20.40	9.50	9.25	6.20	6.45	3.00	3.40	7.10
12	10.20	25.65	23.50	24.45	20.00	10.00	9.30	6.10	6.50	2.90	3.50	7.60
13	10.10	26.00	23.10	24.45	19.40	10.00	9.60	6.10	6.90	2.80	3.40	7.80
14	10.05	26.00	22.90	24.45	18.80	10.50	10.00	6.10	7.45	3.00	3.50	8.40
15	10.00	26.10	22.60	24.45	18.20	10.50	9.80	6.00	7.90	3.50	3.90	9.00
16	9.90	26.10	22.40	24.45	17.60	10.50	9.60	5.90	8.15	4.00	3.70	9.70
17	9.80	26.10	22.10	24.45	17.00	10.50	9.40	5.90	8.75	4.00	3.50	10.10
18	9.95	25.90	21.90	24.45	17.00	10.50	9.20	5.90	8.75	3.60	3.00	11.70
19	10.10	25.90	21.80	24.45	17.00	10.50	8.90	5.90	8.65	3.70	2.70	12.90
20	10.80	25.90	21.70	24.45	16.40	10.50	8.70	5.90	8.55	3.90	2.20	13.60
21	12.40	25.90	21.60	24.45	16.00	10.50	8.50	6.00	8.30	3.40	2.00	13.60
22	13.30	25.90	21.50	24.45	15.60	10.50	8.20	6.20	8.00	3.20	2.00	14.00
23	14.40	25.90	21.50	24.45	15.00	10.50	8.00	6.30	7.50	2.70	2.00	14.70
24	15.50	25.80	21.80	24.70	14.70	10.50	8.00	6.30	7.00	2.80	2.00	16.00
25	17.00	25.50	22.00	24.70	13.20	10.50	8.00	6.20	6.70	3.00	2.55	17.20
26	19.40	25.10	22.40	24.70	12.70	10.50	7.90	6.00	6.30	3.40	3.00	18.00
27	21.00	24.70	22.80	24.70	12.50	10.50	7.50	5.80	6.00	3.90	4.50	18.40
28	22.20	24.30	23.00	24.70	12.40	10.50	7.20	5.70	5.90	3.60	5.10	18.60
29	23.10		23.20	24.70	12.30	10.00	7.00	5.65	5.80	3.50	6.00	18.80
30	23.90		23.40	24.70	12.30	9.40	6.50	5.60	5.70	3.30	6.70	19.00
31	24.10		23.60		12.30		6.50	5.50		3.20		19.30

Mississippi River.—Baton Rouge, La., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	19.40	26.30	26.80	31.25	32.80	23.40	15.90	18.70	5.10	5.80	4.30	12.50
2	19.70	26.30	26.80	31.50	32.70	22.90	16.20	17.80	5.10	5.80	4.30	12.65
3	20.20	26.30	26.80	31.50	32.58	22.00	16.60	17.20	5.40	5.80	4.50	12.65
4	20.70	26.30	26.80	31.50	32.40	21.30	16.00	16.00	5.70	5.80	4.50	12.65
5	21.30	26.30	26.80	31.60	32.28	20.60	16.30	15.10	5.90	5.70	4.90	12.40
6	22.70	26.30	26.80	31.70	32.20	19.90	16.70	14.30	6.10	5.70	4.90	12.30
7	22.95	26.25	26.80	31.90	32.10	19.50	17.10	13.50	6.30	5.70	4.90	12.10
8	23.15	26.20	27.00	32.00	32.00	19.20	17.60	12.90	6.60	5.70	4.80	11.85
9	23.70	26.15	27.10	32.00	31.90	19.20	18.20	12.40	6.80	5.40	4.90	11.80
10	24.00	26.05	27.15	32.05	31.75	19.30	18.60	11.90	7.30	5.00	5.50	11.90
11	24.30	26.00	27.20	32.10	31.55	19.40	18.90	11.50	7.50	4.70	6.00	12.50
12	24.70	25.40	27.20	32.20	31.55	19.70	19.40	11.00	7.60	4.20	6.40	13.35
13	25.00	25.00	27.20	32.25	31.45	19.80	20.10	10.60	7.60	4.00	6.40	14.50
14	25.00	24.30	27.80	32.30	31.40	19.85	20.70	10.00	7.80	4.00	6.40	15.30
15	25.05	23.90	28.30	32.35	31.30	19.90	21.40	9.60	8.10	4.00	6.50	17.60
16	25.05	22.00	28.60	32.60	31.20	19.90	21.70	9.10	8.30	4.20	6.75	18.90
17	25.10	22.30	28.90	33.00	31.00	19.90	22.10	8.70	8.50	4.50	8.00	20.15
18	25.30	21.90	29.10	33.10	30.90	19.50	22.40	8.50	8.80	5.00	8.45	20.80
19	25.70	21.80	29.60	33.10	30.80	19.30	22.50	8.10	8.90	5.20	8.45	21.50
20	25.70	21.50	29.80	33.10	30.60	19.00	22.50	7.90	9.00	5.20	9.25	21.90
21	25.75	21.10	30.05	33.15	30.50	18.60	22.50	7.60	9.00	5.20	9.65	22.10
22	25.75	22.30	30.30	33.20	30.30	18.30	22.70	7.50	8.90	5.05	10.35	22.10
23	25.75	23.80	30.50	33.20	30.00	17.90	22.90	7.20	8.60	4.70	10.50	22.10
24	25.80	24.50	30.50	33.20	29.60	17.70	22.90	7.20	8.40	4.40	10.70	21.90
25	25.85	25.00	30.60	33.15	29.30	17.10	22.70	7.00	8.10	4.00	11.25	21.50
26	25.95	25.80	30.70	33.12	28.60	16.80	22.50	6.70	7.60	4.00	11.00	20.90
27	26.00	26.10	30.80	33.04	27.80	16.00	22.00	6.50	7.00	4.20	11.05	20.30
28	26.05	26.50	30.90	33.02	27.10	16.10	21.50	6.30	6.50	4.30	11.60	19.50
29	26.15	26.70	30.90	32.98	26.70	15.90	21.00	6.00	6.20	4.50	12.10	18.80
30	26.20		31.00	32.87	25.00	15.90	20.40	5.70	5.80	4.50	12.30	17.85
31	26.30		31.10		24.60		19.40	5.50		4.30		17.10

Mississippi River.—Baton Rouge, La., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	16.35	20.38	28.55	29.70	29.30	29.80	24.60	11.65	3.85	4.60	13.10	23.45
2	15.70	21.42	28.53	29.75	29.27	29.90	24.65	11.65	3.80	4.40	13.65	23.70
3	15.45	22.20	28.70	29.85	29.27	29.90	24.70	11.65	3.55	4.40	14.10	23.90
4	15.30	22.80	28.60	29.90	29.27	29.90	24.50	11.20	3.40	4.35	14.40	24.10
5	14.50	23.35	28.60	29.95	29.30	29.75	24.25	10.80	3.35	4.45	14.60	24.40
6	13.93	24.20	28.50	30.00	29.32	29.70	23.95	10.50	3.25	4.65	14.90	24.25
7	13.30	24.95	28.75	30.00	29.35	29.50	23.60	10.20	3.15	5.50	15.15	24.35
8	12.73	24.45	28.80	30.05	29.78	29.50	23.15	9.70	3.25	6.00	15.05	24.40
9	11.95	24.80	28.90	30.00	29.52	29.30	22.70	9.10	3.10	5.75	15.00	24.40
10	11.45	24.42	28.90	29.90	29.50	29.10	22.40	8.55	3.05	5.65	15.00	24.28
11	10.50	24.80	29.00	29.85	29.50	28.80	21.70	8.10	3.05	5.85	15.20	24.15
12	9.73	24.40	29.15	29.85	29.48	28.40	21.30	7.70	2.95	6.60	15.40	23.95
13	9.00	24.00	29.15	29.85	29.45	28.00	20.90	7.40	3.00	7.50	15.75	23.68
14	8.50	23.87	29.25	29.75	29.50	27.50	20.50	7.00	3.15	8.10	15.90	23.30
15	8.00	23.80	29.30	29.70	29.50	27.10	20.00	6.85	3.65	8.85	16.15	22.70
16	7.70	23.80	29.30	29.65	29.50	26.55	19.60	6.75	3.20	9.35	16.40	22.10
17	7.40	23.93	29.35	29.60	29.50	26.17	19.00	6.70	3.05	9.72	16.75	21.35
18	7.10	24.47	29.38	29.60	29.50	25.62	18.30	6.65	2.95	10.00	16.85	20.70
19	7.13	25.38	29.55	29.55	29.52	25.25	17.30	6.20	3.05	10.20	17.00	19.95
20	7.40	26.15	29.50	29.45	29.55	24.70	16.50	5.75	2.95	10.40	17.50	19.20
21	8.00	27.00	29.40	29.40	29.60	24.25	15.35	5.25	2.95	10.62	18.00	18.50
22	8.80	27.20	29.35	29.50	29.60	24.10	14.30	4.75	2.90	10.90	19.00	17.90
23	9.80	27.70	29.40	29.50	29.70	23.75	13.30	4.45	3.05	11.05	19.50	17.25
24	10.75	27.92	29.35	29.75	29.60	23.50	12.50	4.25	3.25	11.40	19.90	16.90
25	11.73	28.28	29.38	29.52	29.65	23.68	12.00	4.15	3.45	11.20	20.60	16.85
26	12.76	28.50	29.40	29.40	29.65	23.90	11.70	4.15	3.85	11.15	21.10	17.35
27	13.80	28.80	29.50	29.40	29.70	24.05	11.45	4.15	3.95	11.20	21.60	17.70
28	15.10	28.50	29.50	29.35	29.65	24.30	11.40	3.85	4.15	11.80	22.10	18.60
29	16.50		29.60	29.35	29.65	24.50	11.45	3.75	4.20	12.65	22.60	19.55
30	17.92		29.55	29.31	29.75	24.65	11.50	3.65	4.55	13.20	22.95	20.30
31	19.25		29.60		29.85		11.60	3.85		13.00		21.20

Mississippi River.—Baton Rouge, La., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	22.20	29.80	33.20	35.61	32.90	30.85	30.88	29.08	13.70	10.35	7.15	10.50
2	22.85	29.90	33.30	35.57	32.80	30.80	30.83	28.88	13.20	10.10	6.90	10.65
3	23.65	30.20	33.55	35.47	32.65	30.80	30.83	28.58	12.70	9.85	6.60	10.85
4	24.10	30.10	33.75	35.37	32.50	30.80	30.80	28.23	12.35	9.50	6.52	10.95
5	24.62	30.15	33.90	35.22	32.40	30.88	30.80	27.73	12.00	9.00	6.40	11.05
6	25.00	30.38	34.05	35.14	32.30	30.88	30.80	27.08	11.55	8.45	6.30	11.20
7	25.35	30.58	34.38	35.00	32.20	30.92	30.75	26.28	11.10	8.00	6.30	11.10
8	25.90	30.70	34.70	34.85	32.45	31.00	30.65	25.63	10.80	7.75	6.30	11.05
9	26.00	30.80	34.80	34.75	32.25	31.08	30.60	24.63	11.00	7.40	6.35	10.90
10	26.25	30.90	34.85	34.60	32.25	31.00	30.58	23.83	11.10	7.10	6.40	10.75
11	26.40	31.10	35.03	34.55	32.10	31.10	30.53	23.03	10.50	6.80	6.60	10.65
12	26.60	31.25	35.10	34.70	32.00	31.10	30.50	22.23	9.80	6.40	7.00	10.70
13	26.70	31.30	35.25	34.70	31.90	31.10	30.48	21.43	9.60	6.30	7.20	10.60
14	26.85	31.38	35.42	34.45	31.75	31.00	30.48	20.83	9.60	6.50	7.10	10.50
15	26.90	31.60	35.50	34.32	31.68	31.00	30.40	20.40	9.70	6.35	7.00	10.50
16	27.10	31.65	35.54	34.18	31.55	31.00	30.32	20.00	9.60	6.30	7.00	.....
17	27.40	31.70	35.59	34.08	31.50	31.00	30.28	20.00	9.60	6.25	7.05	10.20
18	27.40	31.80	35.63	33.88	31.45	31.00	30.25	19.75	9.60	6.18	7.20	10.00
19	27.65	31.90	35.68	33.78	31.30	31.00	30.20	19.40	9.52	6.25	7.55	10.25
20	27.70	32.00	35.70	33.68	31.25	31.00	30.20	19.00	9.50	6.40	8.05	10.60
21	28.40	32.05	35.90	33.58	31.20	31.00	30.20	18.50	9.30	6.30	8.05	11.00
22	28.30	32.10	35.78	33.45	31.18	31.00	30.20	18.15	9.10	6.30	8.40	10.70
23	28.40	32.15	35.78	33.40	31.10	31.00	30.20	17.60	8.95	6.25	8.75	10.50
24	28.75	32.38	35.73	33.40	31.02	31.07	30.20	17.05	8.60	6.30	9.15	9.90
25	29.00	32.60	35.80	33.35	30.95	31.03	30.15	16.50	8.70	6.50	9.50	9.50
26	29.00	32.70	35.95	33.25	30.88	31.03	30.07	16.00	8.90	6.60	9.75	9.20
27	29.20	32.85	35.87	33.20	30.80	31.03	29.90	15.60	9.27	6.85	10.15	9.00
28	29.35	32.90	35.87	33.10	30.80	31.00	29.80	15.35	9.75	7.18	10.30	8.85
29	29.50		35.69	33.03	30.80	30.98	29.60	15.05	10.08	7.30	10.25	8.75
30	29.65		35.67	32.95	30.75	30.93	29.43	14.60	10.28	7.40	10.20	8.60
31	29.75		35.62		30.90		29.28	14.20		7.28		8.90

Mississippi River.—Baton Rouge., La., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	9.40	16.70	29.25	34.05	33.00	31.17	29.40	25.92	10.00	3.60	7.85	15.92
2	10.00	17.70	29.40	34.15	32.92	31.07	29.40	25.37	9.60	3.65	7.75	16.25
3	10.50	18.70	29.60	34.25	32.84	31.10	29.40	24.80	9.20	3.55	7.65	16.85
4	11.10	19.70	29.80	34.38	32.75	31.00	29.40	24.17	8.80	3.45	7.40	17.85
5	11.80	20.75	29.95	34.45	32.87	30.90	29.40	23.42	8.45	3.35	7.45	18.45
6	12.20	21.55	30.00	34.45	32.75	30.80	29.45	22.50	8.10	3.30	7.50	19.15
7	13.50	22.15	30.20	34.90	32.70	30.75	29.54	21.63	7.60	3.10	7.80	19.80
8	14.50	22.60	30.40	34.80	32.60	30.70	29.54	20.92	7.25	3.20	8.00	20.25
9	15.00	23.00	30.40	35.08	32.60	30.62	29.57	19.92	6.86	3.35	8.40	20.65
10	14.70	23.33	30.40	34.98	32.60	30.57	29.67	19.00	6.48	3.50	9.40	20.90
11	14.55	23.60	30.40	34.75	32.60	30.52	29.75	18.32	6.10	3.55	10.90	21.00
12	14.45	23.90	30.45	34.68	32.60	30.42	29.75	17.85	5.75	3.55	12.45	21.05
13	14.38	24.10	30.50	34.50	32.60	30.34	29.72	17.60	5.45	3.55	12.60	21.08
14	14.70	24.50	30.55	34.46	32.60	30.32	29.67	17.30	5.30	3.65	12.75	21.20
15	15.20	24.90	30.65	34.35	32.60	30.12	29.57	17.12	5.20	3 75	12.88	21.15
16	15.50	25.60	30.80	34.20	32.60	30.02	29.47	16.83	5.30	3.90	13.00	21.05
17	15.85	26.05	31.00	34.00	32.60	29.95	29.45	16.75	5.10	4.30	13.05	20.75
18	15.50	26.50	31.10	33.90	32.55	29.87	29.40	16.65	4.85	5.00	13.15	20.35
19	15.15	26.90	31.30	33.75	32.50	29.82	29.30	16.30	4.75	5.30	13.40	19.90
20	14.90	27.20	31.50	33.70	32.50	29.82	29.17	15.95	4.55	5.40	13.82	19.30
21	14.90	27.50	31.60	33.58	32.50	29.72	28.97	15.68	4.45	5.60	14.15	18.55
22	14.80	27.75	31.70	33.50	32.38	29.62	28.75	15.15	4.35	5.75	14.45	18.05
23	14.75	28.15	31.90	33.50	32.25	29.56	28.32	14.70	4.25	5.95	15.90	17.50
24	14.60	28.75	32.40	33.40	32.05	29.52	28.05	14.15	4.17	5.95	16.15	16.85
25	14.52	28.75	32.60	33.28	31.90	29.50	27.74	13.65	4.10	6.00	16.30	16.35
26	14.50	28.85	32.70	33.20	31.80	29.50	27.58	13.50	3.85	6.20	16.30	15.70
27	14.60	29.00	32.90	33.10	31.58	29.50	27.40	13.00	3.70	6.50	16.50	15.25
28	15.10	29.20	33.20	33.00	31.45	29.50	27.10	12.50	3.60	6.85	16.20	14.70
29	15.10		33.40	33.10	31.25	29.45	26.92	11.60	3.65	7.25	15.90	14.25
30	15.40		33.70	33.00	31.15	29.37	26.67	11.00	3.65	7.50	15.80	14.25
31	15.90		33.80		31.25		26.33	10.45		7.75		15.80

Mississippi River.—Baton Rouge, La., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	17.00	25.25	31.60	35.90	33.70	34.10	26.65	15.40	6.18	4.32	10.00	5.25
2	18.00	25.15	31.78	35.80	33.75	34.00	26.32	14.60	6.15	4.30	9.90	5.35
3	18.70	25.12	31.95	35.75	33.90	33.85	25.95	13.85	6.10	4.35	9.85	5.50
4	20.00	25.00	32.05	35.70	33.95	33.75	25.60	13.10	6.15	4.40	9.85	5.75
5	21.50	24.85	32.20	35.65	34.10	33.65	25.20	12.45	6.20	5.00	10.00	6.10
6	22.90	24.70	32.50	35.70	34.10	33.45	24.80	11.95	6.25	5.70	10.05	6.65
7	24.05	24.50	32.70	35.45	34.10	33.20	24.45	11.73	6.35	6.30	9.90	6.60
8	24.90	24.42	33.50	35.30	34.10	32.85	24.10	11.68	6.40	7.30	9.80	6.55
9	25.40	24.40	33.35	35.20	34.10	32.50	23.75	11.65	6.40	8.10	9.70	6.50
10	25.85	24.70	33.60	35.03	34.10	32.08	23.40	11.80	6.50	9.20	9.60	6.53
11	26.30	25.35	33.75	34.95	34.10	31.80	23.05	12.10	6.70	9.95	9.50	6.50
12	26.65	26.15	34.40	34.95	34.05	31.50	22.75	12.30	6.75	10.50	9.40	6.80
13	26.70	27.10	34.70	34.80	34.10	31.20	22.40	12.32	6.75	11.05	9.25	6.70
14	26.75	27.70	34.90	34.60	34.15	30.90	22.05	12.40	6.80	11.45	8.60	6.50
15	26.83	28.20	34.95	34.55	34.20	30.60	21.65	12.30	6.75	11.55	8.20	6.15
16	26.75	28.70	34.70	34.40	34.30	30.30	21.30	12.05	6.70	11.55	7.80	5.50
17	26.70	29.20	34.50	34.35	34.40	30.00	21.00	11.90	6.30	11.30	7.70	5.35
18	26.70	29.45	35.30	34.30	34.45	29.75	20.70	11.70	5.90	11.10	7.30	5.30
19	26.80	29.70	35.28	34.15	34.50	29.50	20.45	11.25	5.60	11.00	6.90	6.50
20	26.50	29.85	35.30	34.15	34.50	29.25	20.25	10.85	5.28	10.65	6.60	6.10
21	26.20	29.95	35.50	34.05	34.52	29.00	19.90	10.35	5.20	10.75	6.40	7.40
22	25.85	30.25	35.70	34.00	34.55	28.85	19.65	9.95	5.15	10.80	6.20	8.65
23	25.50	30.60	35.90	33.90	34.62	28.60	19.30	9.55	5.00	10.82	6.00	9.50
24	25.65	30.80	36.20	33.85	34.50	28.40	18.90	9.25	4.80	11.00	5.90	10.00
25	25.40	30.95	36.00	33.80	34.45	28.10	18.65	8.80	4.60	11.10	5.70	10.60
26	25.25	31.20	35.95	33.75	34.45	27.85	18.25	8.00	4.45	11.20	5.65	10.80
27	25.15	31.35	36.00	33.70	34.50	27.65	17.90	7.70	4.38	11.40	5.75	11.05
28	25.15	31.28	36.00	33.70	34.40	27.38	17.45	7.00	4.38	11.00	5.80	11.42
29	25.20	31.42	36.10	33.75	34.35	27.18	17.15	6.65	4.35	10.75	5.70	12.30
30	25.30		36.10	33.70	34.30	26.85	16.80	6.40	4.33	10.50	5.45	12.55
31	25.20		36.02		34.28		16.20	6.30		10.20		13.35

Mississippi River.—Port Hickey, La., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	24.75	29.60	38.40	40.30	39.60	40.30	34.00	20.10	10.70	11.40	21.50	33.10
2	24.00	30.60	38.50	40.40	39.50	40.30	34.00	20.10	10.60	11.30	21.90	33.30
3	23.90	31.35	38.60	40.50	39.50	40.30	34.00	20.10	10.50	11.40	22.20	33.60
4	23.60	32.00	38.60	40.70	39.50	40.30	33.80	19.70	10.40	11.40	22.50	33.80
5	22.90	32.50	38.60	40.80	39.60	40.30	34.00	19.20	10.20	11.50	23.00	33.90
6	22.25	33.60	38.60	40.80	39.60	40.20	33.70	18.90	10.00	11.80	23.50	34.00
7	21.60	34.00	38.90	40.80	39.70	40.10	33.20	18.40	10.20	12.30	23.20	34.00
8	20.90	33.90	38.90	40.70	40.00	39.90	32.70	17.80	10.10	12.60	23.10	34.00
9	19.90	32.90	39.00	40.60	39.90	39.70	32.30	17.20	9.90	12.40	23.10	34.00
10	19.10	34.00	39.15	40.60	39.90	39.30	31.90	16.60	9.70	12.40	23.10	33.90
11	18.10	34.25	39.35	40.50	39.90	39.00	31.20	16.10	9.50	12.90	23.10	33.70
12	17.10	33.60	39.60	40.50	39.90	38.50	30.70	15.60	9.60	14.00	23.70	33.50
13	16.40	33.10	39.75	40.60	39.90	37.90	30.40	15.20	9.60	14.90	24.00	33.30
14	16.00	32.90	39.80	40.40	39.90	37.40	29.80	14.80	9.70	15.70	24.20	33.00
15	15.75	32.80	39.90	40.40	39.80	36.90	29.30	14.50	10.20	16.50	24.50	32.40
16	15.50	32.80	40.00	40.40	39.80	36.30	28.80	14.30	9.80	17.20	24.70	31.40
17	15.35	33.00	40.00	40.20	39.80	35.90	28.00	14.20	9.70	17.70	24.90	31.00
18	15.25	34.00	40.00	40.00	39.90	35.30	27.30	14.00	9.70	18.10	25.10	30.10
19	14.65	35.00	40.00	39.80	39.80	34.90	26.40	13.60	9.60	18.20	25.50	29.20
20	14.90	35.75	40.10	39.80	39.80	34.30	25.50	13.30	9.80	18.30	26.00	28.40
21	15.65	36.35	40.20	39.80	39.90	33.80	24.20	12.80	9.70	18.60	26.50	27.40
22	16.80	36.65	40.00	39.80	39.90	33.50	23.00	12.30	9.70	18.90	27.50	26.20
23	17.75	37.10	40.00	39.90	39.90	33.40	22.00	11.90	9.90	19.10	28.50	25.40
24	18.65	37.50	40.00	39.90	39.90	33.40	21.20	11.70	10.00	19.20	29.60	25.00
25	19.75	37.80	40.00	39.80	39.90	33.40	20.70	11.50	10.20	19.10	30.30	25.00
26	20.40	38.15	40.10	39.70	39.90	33.60	20.40	11.40	10.50	19.00	30.90	25.40
27	21.40	38.40	40.10	39.70	40.00	33.90	20.20	11.20	10.80	19.40	31.30	26.60
28	23.35	38.35	40.10	39.60	40.10	34.00	20.10	10.90	11.00	20.30	31.60	27.90
29	25.10		40.20	39.60	40.10	33.90	20.00	10.80	11.00	21.00	32.40	29.30
30	26.75		40.20	39.60	40.20	33.90	20.00	10.70	11.30	21.10	32.70	30.20
31	28.25		40.30		40.30		20.10	10.70		21.10		31.10

Mississippi River.—Fort Hickey, La., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	31.67	40.70	44.83	47.70	44.70	42.40	42.30	40.20	.....	.....	.....	.....
2	32.50	40.90	45.03	47.60	44.60	42.40	42.30	39.88	.....	.....	.....	.....
3	33.00	41.10	45.33	47.57	44.57	42.30	42.30	39.58	.....	.....	.....	.....
4	34.00	41.27	45.53	47.45	44.40	42.30	42.30	39.15	.....	.....	.....	.....
5	34.40	41.30	45.70	47.37	44.30	42.33	42.30	38.50	.....	.....	.....	.....
6	34.93	41.50	45.87	47.30	44.17	42.40	42.30	37.60	.....	.....	.....	.....
7	35.20	41.60	46.23	47.30	44.23	42.40	42.25	36.90	.....	.....	.....	.....
8	35.90	41.83	46.47	47.17	44.30	42.52	42.18	35.97	.....	.....	.....	.....
9	36.00	42.07	46.67	47.00	44.20	42.55	42.12	34.98	.....	.....	.....	.....
10	36.20	42.03	46.70	47.00	44.17	42.55	42.10	34.15	.....	.....	.....	.....
11	36.63	42.20	46.90	46.90	43.97	42.55	42.05	33.15	.....	.....	.....	.....
12	36.70	42.30	47.03	46.80	43.67	42.60	42.00	32.32	.....	.....	.....	.....
13	36.90	42.30	47.10	46.70	43.47	42.60	41.95	31.58	.....	.....	.....	.....
14	37.03	42.43	47.20	46.70	43.40	42.65	41.90	30.93	.....	.....	.....	.....
15	37.23	42.70	47.23	46.57	43.30	42.65	41.82	30.70	.....	.....	.....	.....
16	37.47	42.80	47.40	46.47	43.30	42.65	41.75	30.27	.....	.....	.....	.....
17	37.80	42.93	47.40	46.30	43.17	42.60	41.75	30.08	.....	.....	.....	.....
18	37.83	43.17	47.50	46.17	43.07	42.60	41.75	29.88	.....	.....	.....	.....
19	38.03	43.30	47.50	45.97	42.97	42.60	41.72	29.58	.....	.....	.....	.....
20	38.27	43.40	47.57	45.70	42.80	42.60	41.67	28.92	.....	.....	.....	.....
21	38.97	43.57	47.60	45.60	42.73	42.60	41.60	28.33	.....	.....	.....	.....
22	38.90	43.57	47.60	45.60	42.80	42.60	41.55	27.92	.....	.....	.....	.....
23	39.07	43.80	47.60	45.40	42.70	42.60	41.50	27.47	.....	.....	.....	.....
24	39.40	43.93	47.60	45.50	42.60	42.60	41.50	26.90	.....	.....	.....	.....
25	39.50	44.10	47.70	45.40	42.60	42.60	41.45	26.43	.....	.....	.....	.....
26	39.60	44.23	47.70	45.33	42.50	42.60	41.40	26.00	.....	.....	.....	.....
27	39.83	44.57	47.83	45.20	42.30	42.60	41.33	25.67	.....	.....	.....	.....
28	40.00	44.63	47.90	45.10	42.30	42.55	41.20	25.43	.....	.....	.....	.....
29	40.33		47.83	45.00	42.30	42.52	41.00	25.15	.....	.....	.....	.....
30	40.53		47.70	44.80	42.30	42.40	40.78	24.78	.....	.....	.....	.....
31	40.77		47.70		42.33		40.45	24.30	.....	.....	.....	.....

Mississippi River.—Port Hickey, La., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	.....	.....	.....	45.07	43.80	42.05	40.10	36 20	.....	.....	.....	25.28
2	.....	.....	.....	45.39	43.74	41.75	40.10	35.79	.....	.....	.....	25.75
3	.....	.....	.....	45.40	43.70	41.95	40.10	35.25	.....	.....	.....	26.42
4	.....	.....	.....	45.50	43.70	41.80	40.10	34.60	.....	.....	.....	27.35
5	.....	.....	.....	45.50	43.70	41.70	40.10	33.57	.....	.....	.....	28.20
6	.....	.....	.....	45.60	43.60	41.60	40.10	32.30	.....	.....	.....	28.88
7	.....	.....	.....	45.97	43.55	41.50	40.10	31.30	.....	.....	.....	29.50
8	.....	.....	.....	45.94	43.52	41.45	40.10	30.25	.....	.....	.....	30.12
9	.....	.....	.....	46.10	43.50	41.40	40.15	29.25	.....	.....	.....	30.45
10	.....	.....	.....	45.87	43.50	41.34	40.30	29.02	.....	.....	.....	30.65
11	.....	.....	.....	45.70	43.50	41.30	40.47	27.62	.....	.....	20.35	30.78
12	.....	.....	.....	45.67	43.50	41.20	40.50	27.10	.....	.....	21.42	30.80
13	.....	.....	.....	45.50	43.50	41.02	40.39	26.82	.....	.....	21.65	30.88
14	.....	.....	.....	45.30	43.50	40.85	40.28	26.75	.....	.....	21.82	31.15
15	.....	.....	.....	45.27	43.44	40.80	40.19	26.50	.....	.....	21.92	31.20
16	.....	.....	41.85	45.10	43.50	40.69	40.10	26.25	.....	.....	22.00	31.00
17	.....	.....	41.95	44.94	43.50	40.50	40.04	26.00	.....	.....	22.00	30.55
18	.....	.....	41.95	44.75	43.44	40.50	39.95	25.70	.....	.....	22.15	30.05
19	.....	.....	42.04	44.70	43.34	40.50	39.84	25.38	.....	.....	22.35	29.65
20	.....	.....	42.22	44.55	43.50	40.50	39.70	25.08	.....	.....	22.95	29.05
21	.....	.....	42.50	44.50	43.35	40.35	39.50	24.70	.....	.....	23.50	28.40
22	.....	.....	42.80	44.40	43.24	40.30	39.24	24.30	.....	.....	24.00	27.35
23	.....	.....	42.97	44.40	43.05	40.20	38.80	23.40	.....	.....	25.35	26.75
24	.....	.....	43.22	44.40	42.85	40.10	38.55	23.40	.....	.....	25.52	26.15
25	.....	.....	43.65	44.20	42.57	40.10	38.27	22.40	.....	.....	25.62	25.25
26	.....	.....	43.80	44.00	42.65	39.90	37.95	21.90	.....	.....	25.80	24.50
27	.....	.....	44.04	44.00	42.45	39.90	37.69	21.35	.....	.....	26.05	24.40
28	.....	.....	44.30	43.90	42.30	39.90	37.44	20.90	.....	.....	25.72	24.05
29	.....	.....	44.55	43.90	42.20	40.10	37.20	20.40	.....	.....	25.35	23.62
30	.....	.....	44.84	43.85	42.24	40.10	36.90	19.90	.....	.....	25.30	24.35
31	.....	.....	44.86		42.14		36.59	19.40	.....	.....		25.42

Mississippi River.—Port Hickey, La., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	26.20	35.20	42.53	47.20	44.75	45.23	36.92	24.22	15.50	13.78	18.22	13.28
2	27.17	35.20	42.62	47.20	44.75	45.05	36.42	23.55	15.48	13.88	18.00	13.18
3	27.82	35.15	42.80	47.18	44.85	44.88	35.95	22.82	15.35	13.95	17.82	13.12
4	29.35	35.08	43.00	47.10	44.95	44.80	35.50	22.10	15.35	14.00	17.80	13.40
5	31.30	34.90	43.20	47.30	44.98	44.70	35.08	21.38	13.32	14.50	17.78	13.90
6	32.98	34.70	43.40	47.30	45.05	44.48	34.75	21.12	15.25	15.15	17.75	14.68
7	34.42	34.55	43.68	47.12	45.10	44.20	34.42	21.02	15.32	16.15	17.75	15.32
8	35.25	34.43	44.38	46.75	45.10	43.80	34.05	21.00	15.42	17.15	17.75	15.50
9	35.68	34.40	44.50	46.45	45.15	43.38	33.68	21.00	15.52	18.15	17.75	15.38
10	36.05	34.70	44.70	46.30	45.15	42.90	33.38	21.05	15.70	19.05	17.68	15.30
11	36.50	35.63	44.90	46.18	45.15	42.43	32.90	21.20	15.90	19.75	17.50	15.30
12	36.80	36.73	45.68	46.10	45.15	42.10	32.52	21.40	16.08	20.25	17.32	15.62
13	36.98	37.58	45.90	46.05	45.18	41.70	31.90	21.55	16.10	20.47	17.00	14.90
14	37.00	38.48	46.15	45.95	45.32	41.30	31.42	21.65	16.18	20.27	16.60	15.02
15	37.00	39.10	46.15	45.80	45.42	40.98	31.22	21.45	16.25	20.05	16.20	14.42
16	37.00	39.33	45.78	45.65	45.58	40.73	31.08	21.25	16.10	19.85	15.95	14.07
17	37.00	39.73	45.60	45.60	45.62	40.48	30.72	21.00	15.88	19.57	15.75	14.00
18	37.00	40.15	46.48	45.52	45.68	40.20	30.42	20.72	15.50	19.23	15.47	14.15
19	37.00	40.43	46.55	45.45	45.70	39.95	30.12	20.32	15.02	19.08	15.07	14.35
20	36.80	40.73	46.42	45.40	45.78	39.75	29.88	19.62	14.58	18.95	14.82	14.58
21	36.32	40.78	46.68	45.35	45.85	39.48	29.55	19.05	14.35	18.95	14.50	14.90
22	35.95	41.08	46.90	45.35	45.80	39.20	29.12	18.50	14.22	18.95	14.20	15.40
23	35.80	41.50	47.18	45.32	45.82	38.95	28.85	18.12	14.20	18.95	14.15	16.10
24	36.00	41.70	47.38	45.15	45.75	38.75	28.45	17.92	14.20	18.98	13.95	17.00
25	35.55	41.85	47.20	44.90	45.75	38.55	27.90	17.75	14.18	18.08	13.75	18.10
26	35.22	41.90	47.18	44.80	45.72	38.28	27.52	17.45	14.12	19.12	13.58	19.25
27	35.20	42.20	47.20	44.80	45.65	38.05	27.22	17.25	14.05	19.22	13.55	20.10
28	35.20	42.40	47.28	44.80	45.60	37.78	26.90	16.90	14.05	19.12	13.55	20.80
29	35.20	42.45	47.42	44.80	45.52	37.50	26.50	16.40	14.05	18.98	13.47	21.32
30	35.20		47.38	44.78	45.42	37.25	25.95	15.95	13.98	18.80	13.37	21.82
31	35.20		47.28		45.32		25.10	15.52		18.55		22.65

Mississippi River.—Red River Ldg., La., 1871.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.27
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.03
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.99
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.15
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.58
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.26
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.95
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.88
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.72
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.50
29	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	2.42
30	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	2.40
31	.....		.....		.....		.....	.....		.....		2.05

Mississippi River.—Red River Eng., La., 1872.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1.38	10.75	12.30	21.10	39.05	34.30	30.15	21.80	8.52	3.29	1.55	2.55
2	1.75	10.20	13.30	21.30	39.15	34.45	29.60	22.00	8.38	3.28	1.55	2.49
3	1.95	9.60	14.10	21.55	39.23	34.50	28.87	22.28	8.25	3.25	1.45	2.25
4	1.98	9.00	14.90	22.30	39.33	34.50	28.00	22.47	8.00	3.10	1.50	1.95
5	2.25	8.40	15.50	22.85	39.37	34.50	27.30	22.60	7.85	3.18	1.60	1.80
6	2.70	8.20	16.10	23.39	39.42	34.50	26.50	22.65	7.65	3.28	1.50	1.70
7	3.20	8.10	16.47	23.93	39.37	34.45	25.60	22.60	7.53	3.45	1.30	1.42
8	3.65	7.80	16.70	24.47	39.30	34.25	24.67	22.48	7.43	3.65	1.30	1.35
9	4.10	7.10	16.95	25.00	39.10	34.05	24.00	22.24	7.20	3.70	1.45	1.25
10	4.85	6.40	16.95	25.55	38.80	34.00	23.05	21.92	7.00	3.58	0.95	1.20
11	5.35	6.40	16.90	26.10	38.40	33.95	22.40	21.40	6.77	3.35	0.78	1.10
12	5.97	6.65	16.70	27.00	37.80	33.85	21.90	20.80	6.45	3.32	0.60	0.95
13	6.87	6.40	16.50	28.00	37.20	33.65	21.30	20.10	6.12	3.17	0.50	0.82
14	8.10	6.15	16.30	28.95	36.45	33.45	20.80	19.30	5.85	2.95	0.55	0.70
15	9.20	6.05	16.00	29.90	35.50	33.05	20.20	18.40	5.58	2.80	0.25	0.00
16	10.20	6.15	15.85	30.90	34.62	32.80	19.85	17.48	5.30	2.62	0.50	0.10
17	11.12	6.33	15.75	32.30	33.65	32.78	19.55	16.50	5.12	2.55	0.88	0.20
18	11.85	6.57	15.75	33.50	32.65	32.78	19.22	15.60	5.00	2.50	1.60	0.35
19	12.40	6.80	15.97	34.45	31.75	32.80	18.87	14.65	4.75	2.42	1.90	0.65
20	12.85	7.15	16.00	35.30	31.00	32.90	18.45	13.65	4.50	2.30	2.30	1.30
21	13.05	7.45	16.00	36.00	30.50	32.92	18.15	12.80	4.32	2.25	2.45	0.80
22	13.05	7.95	16.25	36.60	30.30	32.95	17.75	12.02	4.15	2.28	2.52	1.00
23	12.80	8.40	17.10	37.00	30.45	33.02	17.47	11.12	4.02	2.20	2.35	1.32
24	12.55	8.87	17.80	37.45	30.90	32.90	17.30	10.28	3.89	1.95	2.40	1.60
25	12.20	9.15	18.75	37.75	31.90	32.70	17.47	9.70	3.72	1.60	2.30	1.98
26	11.80	9.52	19.60	38.05	32.42	32.40	17.97	9.20	3.55	1.40	2.35	1.97
27	11.40	9.82	20.10	38.30	32.70	32.00	19.00	9.02	3.40	1.40	2.50	1.62
28	11.40	10.80	20.37	38.50	33.02	31.70	20.00	8.88	3.35	1.40	2.55	1.78
29	11.40	11.20	20.55	38.70	33.50	31.40	20.78	8.82	3.35	1.40	2.55	1.70
30	11.10		20.70	38.85	33.70	30.60	21.30	8.75	3.35	1.40	2.65	1.55
31	10.90		20.97		34.02		21.66	8.65		1.42		1.45

Mississippi River.—Red River Ldg., La., 1873.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1.50	16.75	33.95	31.00	36.65	38.95	36.15	.....	.....	2.75	3.05	7.25
2	2.30	17.20	34.75	31.00	36.85	38.98	35.80	.....	.....	2.55	3.15	7.95
3	3.50	17.98	34.95	31.00	37.00	38.98	35.40	.....	.....	2.55	3.30	8.20
4	5.05	18.68	35.30	31.05	37.00	38.90	34.90	.....	.....	2.55	3.50	8.40
5	7.32	19.20	35.55	31.25	37.00	38.90	34.42	.....	.....	2.55	3.55	9.30
6	8.70	19.35	35.80	31.50	37.00	38.90	33.95	.....	.....	2.70	3.50	11.75
7	9.20	19.40	36.10	31.90	37.35	38.95	33.55	.....	.....	2.85	3.40	12.65
8	9.35	19.20	36.30	32.25	37.35	38.98	33.10	.....	.....	3.00	3.60	13.15
9	9.15	18.80	36.68	32.65	37.35	38.95	32.70	.....	.....	3.10	3.75	13.85
10	8.80	18.32	36.85	32.95	37.30	38.95	32.30	.....	.....	3.65	4.35	14.95
11	8.32	17.75	36.86	33.30	37.20	38.95	31.80	.....	.....	3.90	5.25	16.30
12	8.05	17.15	36.86	33.55	37.20	39.02	31.50	.....	.....	3.60	6.25	17.40
13	7.85	16.50	36.86	33.85	37.20	38.98	31.20	.....	.....	3.40	7.05	18.50
14	7.85	16.02	36.86	34.10	37.30	38.92	31.00	.....	5.25	3.20	7.60	19.80
15	7.98	15.60	36.86	34.50	37.38	38.82	30.95	.....	5.20	3.00	8.05	21.20
16	10.06	15.70	36.86	34.70	37.40	38.90	30.90	.....	5.20	2.90	8.40	22.85
17	11.48	16.45	36.86	34.95	37.48	38.82	31.00	13.70	5.20	2.75	8.40	24.15
18	12.45	17.85	36.75	35.20	37.50	38.70	31.09	13.05	5.35	2.65	8.05	25.35
19	13.50	20.30	36.50	35.40	37.65	38.60	31.15	12.55	5.35	2.55	7.45	26.45
20	14.60	22.90	36.20	35.65	37.70	38.42	31.20	12.05	5.40	2.40	7.25	27.40
21	15.40	25.40	35.65	35.80	37.75	38.20	31.35	11.55	5.15	2.35	6.90	28.20
22	15.70	27.30	35.05	35.90	37.82	37.90	31.40	11.10	5.00	2.35	6.50	28.80
23	15.95	28.65	34.35	36.05	37.90	37.68	31.30	10.60	4.70	2.35	6.30	29.20
24	16.10	29.80	33.70	36.15	38.00	37.50	31.10	10.10	4.40	2.30	6.05	30.30
25	16.00	30.90	33.25	36.20	38.08	37.32	30.80	9.60	4.10	2.25	5.85	31.00
26	16.00	31.85	32.80	36.25	38.12	37.12	30.30	9.10	3.90	2.30	5.55	31.50
27	16.10	32.60	32.20	36.30	38.20	36.92	.....	9.00	3.80	2.35	5.55	31.80
28	16.20	33.28	31.80	36.35	38.55	36.78	.....	8.70	3.70	2.40	5.90	32.10
29	16.25		31.45	36.40	38.72	36.68	.....	8.30	3.40	2.45	6.25	32.35
30	16.30		31.20	36.45	38.80	36.45	.....	.....	3.00	2.75	6.60	32.55
31	16.45		31.05		38.95		.....	.....		2.90		32.70

Mississippi River.—Red River Ldg., La., 1874.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	32.75	29.50	33.00	42.85	46.15	44.80	.....	.....	.....	.....	3.50	3.80
2	32.75	29.65	33.80	43.10	46.05	44.62	.....	.....	.....	.....	3.30	4.00
3	32.60	30.00	34.50	43.20	46.10	44.48	.....	.....	.....	.....	3.10	4.20
4	32.30	30.40	34.95	43.40	46.10	44.30	.....	.....	.....	.....	2.90	4.45
5	31.90	30.90	35.40	43.70	46.10	44.13	.....	.....	.....	.....	2.85	4.90
6	31.30	31.85	35.80	43.95	46.10	43.90	.....	.....	.....	.....	2.82	5.60
7	30.60	32.30	36.40	44.25	46.10	.....	.....	.....	.....	.....	2.82	6.25
8	29.80	32.55	36.50	44.60	46.08	.....	.....	.....	.....	.....	2.82	6.80
9	28.90	32.90	36.70	45.05	46.05	.....	.....	.....	.....	.....	2.82	7.20
10	28.00	33.20	36.90	45.35	46.05	.....	.....	.....	.....	.....	2.80	7.55
11	26.10	33.40	37.10	45.65	46.05	.....	.....	.....	.....	.....	2.70	7.68
12	24.50	33.50	37.30	46.00	46.05	.....	.....	.....	.....	.....	2.60	7.80
13	23.20	33.55	37.50	46.20	46.00	.....	.....	.....	.....	.....	2.45	7.85
14	22.10	33.60	37.70	46.40	45.98	.....	.....	.....	.....	.....	2.30	7.90
15	21.00	33.55	38.00	46.50	45.90	.....	.....	.....	.....	.....	2.20	7.95
16	20.60	33.40	38.50	47.00	45.92	.....	.....	.....	.....	.....	2.20	8.00
17	20.60	33.10	38.95	46.75	45.90	.....	.....	.....	.....	.....	2.20	8.00
18	21.25	32.70	39.15	46.55	45.85	.....	.....	.....	.....	.....	2.25	7.80
19	22.00	32.10	39.30	46.75	45.80	.....	.....	.....	.....	.....	2.30	7.50
20	23.30	31.40	39.55	46.70	45.70	.....	.....	.....	.....	.....	2.30	7.20
21	24.80	30.90	39.75	46.60	45.60	.....	.....	.....	.....	.....	2.00	6.90
22	26.20	30.40	40.00	46.45	45.55	.....	.....	.....	.....	4.08	1.90	6.50
23	27.50	29.90	40.40	46.40	45.45	.....	.....	.....	.....	4.03	2.40	6.20
24	28.50	29.80	40.70	46.50	45.35	.....	.....	.....	.....	4.05	2.60	5.90
25	29.10	30.00	40.90	46.40	45.25	.....	.....	.....	.....	4.10	2.70	5.70
26	29.55	30.40	41.05	46.35	45.25	.....	.....	.....	.....	4.10	2.85	5.60
27	29.80	31.20	41.30	46.28	45.25	.....	.....	.....	.....	4.10	3.00	5.55
28	29.90	32.00	41.50	46.23	45.25	.....	.....	.....	.....	4.03	3.40	5.50
29	29.90		41.80	46.23	45.20	.....	.....	.....	.....	3.95	3.50	5.50
30	29.75		42.25	46.20	45.10	.....	.....	.....	.....	3.85	3.60	5.60
31	29.55		42.45		45.00	.....	.....	.....		3.70		5.70

Mississippi River.—Red River Ldg., La., 1875.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	6.00	10.70	21.50	37.00	40.32	37.00	25.80	32.80	36.65	23.20	7.50	13.25
2	6.70	10.30	21.10	37.20	40.40	36.55	26.00	33.10	36.65	23.20	7.25	13.95
3	7.40	10.30	20.65	37.35	40.45	36.15	26.30	33.30	36.60	23.10	7.05	14.75
4	8.40	11.00	20.50	37.45	40.42	35.70	26.50	33.45	36.57	23.00	6.95	15.80
5	9.40	12.00	20.55	37.55	40.38	35.22	26.80	33.55	36.37	22.90	7.80	17.10
6	11.10	13.45	20.80	37.70	40.30	34.80	27.00	33.70	36.00	22.70	7.50	18.20
7	12.80	15.35	21.70	37.85	40.30	34.30	27.20	33.80	35.40	22.20	7.30	19.40
8	13.90	17.40	24.20	38.00	40.30	33.80	27.40	33.85	34.80	21.60	7.00	20.10
9	15.20	19.45	27.50	38.25	40.30	33.20	27.70	34.00	33.00	20.90	6.85	20.90
10	16.50	21.30	28.80	38.35	40.30	32.60	27.90	34.10	32.00	20.10	6.75	21.30
11	18.00	23.10	29.70	38.45	40.30	32.00	28.10	34.30	31.00	19.30	6.50	21.45
12	19.40	24.50	30.90	38.55	40.30	31.30	28.30	34.50	29.80	18.50	6.35	21.55
13	20.40	25.45	31.80	38.68	40.30	30.70	28.80	34.60	28.50	17.70	6.20	21.40
14	21.20	26.50	32.50	38.75	40.28	30.05	29.00	34.80	27.20	16.90	6.20	21.10
15	21.80	27.85	33.00	38.82	40.25	29.50	29.20	35.05	25.90	16.10	6.30	20.80
16	22.20	28.45	33.40	38.92	40.22	28.95	29.30	35.50	24.60	15.40	6.20	20.30
17	22.10	28.70	33.75	39.02	40.15	28.60	29.45	35.80	24.00	14.70	6.20	19.80
18	21.80	28.72	34.10	39.12	40.00	28.40	29.70	35.90	23.40	13.00	6.30	19.40
19	21.50	28.60	34.45	39.22	39.90	28.28	29.90	35.95	23.10	12.30	6.40	19.20
20	21.20	28.05	34.90	39.32	39.85	28.20	30.10	35.95	22.80	11.80	6.70	18.90
21	19.30	27.50	35.25	39.42	39.80	28.00	30.30	35.95	22.70	11.45	7.20	18.80
22	18.50	26.70	35.35	39.65	39.70	27.70	30.45	36.00	22.80	11.10	7.90	18.70
23	18.00	25.80	35.45	39.78	39.58	27.20	30.60	36.10	23.10	10.75	9.00	19.30
24	17.70	25.10	35.70	39.88	39.43	26.80	30.90	36.20	23.40	10.45	10.00	19.60
25	17.00	24.40	35.90	39.98	39.25	26.30	31.15	36.25	23.65	10.10	10.80	20.70
26	16.00	23.75	36.00	40.02	39.00	25.80	31.35	36.30	23.65	9.70	11.60	21.30
27	14.80	23.00	36.10	40.10	38.75	25.40	31.60	36.35	23.50	9.35	12.20	21.70
28	13.80	22.20	36.25	40.18	38.50	25.20	31.90	36.37	23.35	8.90	12.60	21.50
29	12.85		36.40	40.22	38.05	25.20	32.15	36.45	23.25	8.50	12.80	21.80
30	11.90		36.50	40.28	37.80	25.30	32.30	36.55	23.20	8.15	13.15	21.80
31	11.10		36.60		37.45		32.60	36.65		7.85		21.60

Mississippi River.—Red River Lag., La., 1876.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	21.50	34.85	39.55	41.35	44.60	44.15	38.00	35.70	19.15	20.85	6.85	7.30
2	21.60	35.15	39.65	41.40	44.70	44.18	37.80	35.60	18.85	20.70	6.95	7.05
3	21.90	35.35	39.70	41.40	44.77	44.05	37.60	35.45	18.60	20.50	6.95	6.95
4	22.75	35.50	39.75	41.38	44.82	43.95	37.35	35.15	18.20	20.30	6.85	6.90
5	24.00	35.75	39.80	41.35	44.85	43.80	37.15	34.70	17.80	20.30	6.85	6.90
6	25.70	36.00	39.85	41.35	44.85	43.65	36.95	34.15	17.40	20.15	6.80	6.95
7	27.25	36.25	40.35	41.33	44.85	43.50	36.75	33.55	17.05	20.10	6.85	7.05
8	28.65	36.75	40.45	41.45	45.25	43.30	36.60	32.85	16.65	20.05	6.90	7.15
9	29.70	36.90	40.50	41.45	45.25	43.15	36.50	32.10	16.25	20.00	6.95	7.35
10	30.60	37.05	40.55	41.42	45.25	43.00	36.40	31.40	15.75	19.75	7.05	7.65
11	31.40	37.15	40.55	41.50	45.30	42.85	36.25	30.55	15.40	19.35	7.35	7.75
12	31.95	37.30	40.90	41.52	45.32	42.60	36.15	29.65	15.05	18.70	8.00	7.75
13	32.40	37.45	40.95	41.60	45.36	42.40	36.10	28.75	14.85	17.90	8.60	7.55
14	32.80	37.60	40.95	41.85	45.39	42.20	36.05	27.90	14.60	17.05	9.10	7.25
15	33.10	37.70	41.05	41.95	45.41	42.00	36.00	27.00	14.45	16.25	9.55	6.85
16	33.40	37.78	41.15	42.05	45.39	41.70	36.00	26.20	14.55	15.45	9.85	6.25
17	33.70	37.85	41.10	42.25	45.35	41.40	36.00	25.50	15.05	14.45	10.00	5.65
18	34.00	38.00	41.00	42.40	45.28	41.10	36.00	24.80	15.55	13.55	10.05	5.25
19	34.75	38.15	40.90	42.55	45.20	40.80	35.95	23.95	16.15	12.65	10.05	4.65
20	34.30	38.20	41.20	42.75	45.10	40.45	35.95	23.40	16.75	11.85	10.00	4.05
21	34.20	38.50	41.20	42.95	45.00	40.10	35.95	23.05	17.35	11.15	9.95	3.85
22	34.15	38.80	41.10	43.12	44.95	39.75	35.90	22.70	17.95	10.40	9.90	3.55
23	34.00	39.00	41.10	43.33	44.85	39.45	35.95	22.35	18.30	9.80	9.00	3.25
24	33.85	39.00	41.25	43.55	44.77	39.20	35.95	22.00	18.65	9.20	8.95	3.85
25	33.75	39.00	41.32	43.75	44.70	39.00	35.95	21.60	18.95	8.60	8.85	3.60
26	33.65	39.05	41.30	43.90	44.60	38.85	35.95	21.20	19.45	8.15	8.65	3.15
27	33.55	39.20	41.30	44.00	44.55	38.75	35.95	20.80	20.00	7.75	8.45	2.85
28	33.55	39.35	41.40	44.28	44.40	38.65	35.90	20.40	20.45	7.45	8.20	2.55
29	33.80	39.45	41.40	44.40	44.30	38.40	35.90	20.05	20.80	7.25	7.90	2.95
30	34.50		41.38	44.50	44.25	38.20	35.85	19.75	20.90	7.05	7.60	2.25
31	34.70		41.35		44.20		35.80	19.45		6.95		2.45

Mississippi River.—Red River Ldg., La., 1877.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	2.45	27.90	21.55	29.70	37.40	40.55	37.90	26.55	6.55	5.15	7.40	13.35
2	2.25	28.90	20.70	29.85	37.50	40.55	37.80	25.95	6.05	5.60	7.80	13.80
3	2.05	29.80	20.00	29.95	37.60	40.55	37.65	25.40	5.70	5.65	8.30	14.30
4	1.35	30.50	19.60	30.40	37.80	40.50	37.50	24.85	5.40	5.45	8.60	14.70
5	1.05	30.80	19.30	30.40	37.90	40.45	37.30	24.15	5.20	5.15	9.00	15.20
6	1.35	31.00	19.10	30.55	38.05	40.35	37.15	23.40	5.10	4.65	9.50	15.80
7	1.25	31.30	18.70	30.70	38.15	40.15	37.05	22.60	5.20	4.25	10.10	16.45
8	0.85	31.40	18.25	31.35	38.25	39.95	37.00	21.75	5.10	4.05	10.80	17.15
9	1.25	31.40	17.95	31.75	38.35	39.65	36.95	20.80	5.05	3.75	11.40	17.75
10	0.85	31.20	17.65	32.30	38.45	39.35	36.90	19.80	5.15	3.55	11.75	18.35
11	0.95	31.20	17.40	32.70	38.55	39.05	36.80	18.85	5.10	3.25	11.85	18.85
12	1.15	30.65	17.10	33.55	38.70	38.85	36.75	17.95	4.80	2.95	11.95	19.30
13	1.65	29.95	17.05	34.20	38.95	38.75	36.65	17.15	4.80	2.65	12.05	19.45
14	1.85	29.35	17.05	34.65	39.05	38.80	36.50	16.35	5.00	2.35	12.10	19.50
15	1.95	29.05	17.15	35.00	39.15	38.85	36.35	15.60	5.20	2.25	12.20	19.40
16	2.00	28.65	17.30	35.20	39.20	39.30	36.10	14.80	5.25	2.15	12.30	19.00
17	2.20	28.30	17.60	35.50	39.25	39.30	35.80	14.05	5.55	2.05	12.45	18.40
18	2.20	27.70	18.10	35.70	39.35	39.20	35.50	13.30	6.45	2.00	12.55	17.80
19	2.20	27.20	18.60	35.85	39.45	39.15	35.10	12.60	7.55	2.35	12.60	17.10
20	2.90	26.95	19.90	36.05	39.60	39.10	34.60	12.05	6.85	2.30	12.65	16.45
21	3.70	26.75	21.40	36.25	39.70	39.00	33.95	11.55	6.55	2.05	12.75	15.85
22	5.50	26.35	23.00	36.40	39.75	38.80	33.25	11.05	6.25	1.95	12.75	15.65
23	7.95	25.85	24.75	36.55	39.80	38.80	32.50	10.65	5.95	1.95	12.50	15.50
24	10.45	25.25	26.55	36.65	39.90	38.80	31.85	10.30	5.70	2.05	12.20	15.40
25	13.00	24.60	27.55	36.75	40.00	38.60	31.45	10.00	5.50	2.65	11.90	15.20
26	15.70	23.75	28.15	36.80	40.10	38.50	30.70	9·60	5.35	3.45	11.80	14.90
27	18.20	22.95	28.55	36.80	40.15	38.40	29.80	9·15	5.20	4.15	12.00	14.45
28	20.70	22.20	28.85	37.10	40.25	38.30	29.10	8·70	5.10	4.95	12.20	14.35
29	23.20		29.15	37.25	40.35	38.10	28.45	8·20	5.05	5.75	12.50	14.55
30	25.20		29.40	37.35	40.45	37.95	27.75	7.65	5.00	6.45	12.95	15.15
31	26.70		29.60		40.50		27.15	7.05		7.15		15.80

Mississippi River.—Red River Ldg., La., 1878.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	16.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.70
2	17.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.00
3	17.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.20
4	18.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.50
5	19.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.70
6	20.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.00
7	21.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.45
8	22.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.50
9	23.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.60
10	23.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.00
11	24.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15.70
12	25.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.00
13	25.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.04
14	26.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.70
15	26.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.60
16	26.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.40
17	26.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.00
18	25.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.50
19	25.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.60
20	25.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.15
21	24.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.55
22	24.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.00
23	24.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.50
24	23.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.60
25	23.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.70
26	23.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26.75
27	23.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.80
28	23.85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.70
29	24.00		.....	.....	.....	.....	.....	.....	.....	.....	.....	25.00
30	24.25		.....	.....	.....	.....	.....	.....	.....	.....	.....	24.00
31	24.50		.....		.....		.....	.....		.....		23.00

Mississippi River.—Red River Ldg., La., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	25.50	33.00	33.40	30.95	31.95	15.70	16.00	11.65	10.95	5.20	1.70	5.75
2	25.00	33.30	33.10	31.25	31.75	15.60	16.20	11.35	11.45	4.85	2.30	6.25
3	24.70	33.50	32.80	31.35	31.45	15.00	16.30	11.20	11.55	4.45	2.90	6.35
4	23.50	33.70	32.60	31.55	31.05	14.50	16.45	11.20	11.35	4.05	3.30	6.35
5	22.50	33.90	32.50	31.65	30.45	14.20	16.45	11.25	11.10	3.80	3.50	6.30
6	21.50	34.10	32.30	31.75	30.05	13.90	16.55	11.65	11.00	3.70	3.60	6.20
7	21.20	34.40	32.10	31.85	29.55	13.90	16.45	11.85	11.10	3.65	3.60	6.00
8	19.10	34.60	31.95	31.95	28.95	14.15	16.55	11.85	11.15	3.15	3.40	6.00
9	18.20	34.80	31.65	32.05	28.35	14.40	16.95	11.80	11.25	2.70	3.10	6.10
10	17.30	34.80	31.40	32.05	27.65	14.80	17.30	11.70	11.45	2.15	2.90	6.35
11	16.30	35.15	31.10	32.05	27.05	15.20	17.75	11.50	11.70	1.65	2.80	6.75
12	15.16	35.30	30.80	32.05	26.20	15.90	18.15	11.20	12.30	1.65	2.80	7.35
13	14.80	35.40	30.40	31.95	25.40	16.60	18.40	10.75	13.00	1.45	2.70	8.15
14	14.10	35.50	30.10	32.15	24.70	17.40	18.45	10.35	13.80	1.35	2.50	8.95
15	13.50	35.60	29.75	32.15	24.00	18.10	18.35	10.00	14.20	1.30	2.60	9.95
16	13.00	35.70	29.40	32.05	23.40	18.40	18.10	9.80	14.30	1.25	2.70	11.25
17	12.40	35.80	29.10	31.95	22.70	18.40	17.90	9.75	14.30	1.15	2.50	12.75
18	12.70	35.85	28.80	31.85	22.10	18.40	17.65	9.95	13.70	1.05	2.10	14.05
19	14.40	35.90	28.50	31.75	21.50	18.20	17.35	10.35	12.90	0.95	1.50	15.25
20	16.10	35.90	28.20	31.65	20.80	18.00	16.85	11.45	12.40	0.80	1.30	16.35
21	17.80	35.80	28.10	31.65	20.30	17.30	16.35	11.75	12.10	0.70	1.20	17.35
22	19.50	35.70	27.80	31.65	19.80	17.00	15.95	11.65	11.70	0.65	1.10	18.35
23	21.20	35.60	28.00	31.80	19.20	16.60	15.55	11.45	10.70	0.60	1.05	19.15
24	23.20	35.40	28.20	31.85	18.70	16.40	15.05	10.75	9.70	0.55	1.15	18.95
25	25.20	34.90	28.55	31.90	18.20	16.15	14.45	9.95	8.80	0.55	1.75	20.60
26	26.70	34.50	28.90	31.95	17.50	16.00	13.75	9.05	7.90	1.05	2.55	21.30
27	28.40	34.10	29.35	32.05	17.00	15.90	13.25	8.25	7.10	1.65	3.35	21.90
28	29.80	33.70	29.75	32.25	16.60	15.80	12.85	8.05	6.50	2.05	4.05	22.30
29	31.00		30.05	32.30	16.30	15.80	12.45	8.15	6.00	1.95	4.65	22.60
30	31.50		30.35	32.15	16.00	15.90	12.15	8.55	5.60	1.65	5.25	22.75
31	32.05		30.65		15.70		11.80	8.95		1.65		22.85

Mississippi River.—Red River Ldg., La., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	23.05	33.70	35.45	41.30	43.50	30.60	22.70	25.30	8.55	9.15	6.85	20.80
2	23.35	34.00	35.70	41.60	43.35	29.50	22.90	24.30	8.45	8.90	6.95	21.35
3	23.85	34.35	35.90	41.75	43.20	28.45	23.30	23.60	8.60	8.65	6.95	21.85
4	24.35	34.50	36.10	41.85	43.05	27.50	23.80	22.65	8.80	8.40	6.95	22.35
5	24.80	34.65	36.25	42.00	42.85	26.60	24.40	21.65	9.20	8.15	7.05	22.90
6	25.40	34.45	36.35	42.10	42.65	26.20	25.00	20.75	9.65	7.95	7.25	23.45
7	26.05	34.40	36.40	42.30	42.40	26.10	25.40	20.10	10.05	7.80	7.45	23.95
8	26.25	33.90	36.65	42.40	42.15	26.10	25.60	19.30	10.40	7.70	7.75	24.30
9	27.15	33.30	36.90	42.50	41.95	26.20	25.80	18.45	10.70	7.60	8.10	24.70
10	27.60	32.65	37.10	42.60	41.80	26.30	26.00	17.70	11.05	7.60	8.45	25.05
11	27.95	31.95	37.30	42.75	41.70	26.40	26.30	17.00	11.35	7.65	8.85	25.45
12	28.25	31.25	37.45	42.90	41.60	26.55	26.75	16.35	11.60	7.70	9.35	25.90
13	28.55	30.20	37.60	43.00	41.55	26.60	27.35	15.80	11.90	7.80	10.25	26.65
14	28.80	28.90	37.80	43.10	41.45	26.65	28.00	15.25	12.25	7.90	10.70	27.40
15	29.00	28.00	38.00	43.45	41.30	26.65	28.80	14.60	12.55	7.95	11.15	28.10
16	29.20	27.40	38.20	43.55	41.20	26.55	29.40	14.05	12.80	8.00	11.55	28.75
17	29.35	27.10	38.50	43.60	41.10	26.30	29.80	13.50	13.05	8.00	12.05	29.35
18	29.45	27.00	38.80	43.70	40.95	26.05	30.20	13.05	13.25	7.90	12.65	28.85
19	29.65	27.10	39.20	43.85	40.75	25.75	30.40	12.60	13.45	7.70	13.45	30.25
20	29.90	27.40	39.40	43.95	40.45	25.40	30.60	12.15	13.60	7.45	14.35	30.55
21	30.15	28.30	39.60	44.00	40.05	25.00	30.80	11.75	13.50	7.20	15.15	30.75
22	30.65	29.60	39.80	44.05	39.65	24.60	30.90	11.40	13.20	6.95	15.75	30.85
23	31.00	30.90	39.95	44.05	39.20	24.20	30.90	11.10	12.80	6.70	16.15	30.85
24	31.35	31.90	40.10	44.05	38.70	23.90	30.75	10.75	12.35	6.40	16.45	30.75
25	31.65	32.80	40.30	44.00	38.20	23.70	30.50	10.40	11.90	6.20	16.85	30.15
26	31.90	33.60	40.45	43.95	37.20	23.40	30.05	10.05	11.50	6.10	17.30	29.25
27	32.25	34.20	40.60	43.85	36.20	23.10	29.50	9.75	10.80	6.10	18.05	27.95
28	32.55	34.70	40.70	43.75	35.00	22.80	28.85	9.40	10.25	6.15	18.85	26.65
29	32.85	35.10	40.85	43.70	33.80	22.60	28.20	9.25	9.80	6.25	19.60	25.45
30	33.15		41.05	43.60	32.80	22.50	27.35	9.05	9.50	6.45	20.20	24.35
31	33.40		41.20		31.80		26.30	8.75		6.70		23.35

Mississippi River.—Red River Ldg., La., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	22.35	27.35	38.50	39.85	39.00	39.60	32.90	17.50	5.80	5.85	19.55	31.15
2	21.00	28.05	38.60	39.90	39.00	39.60	32.90	17.30	5.70	6.00	19.85	31.35
3	20.40	29.60	38.70	39.95	39.00	39.60	32.80	17.00	5.60	6.30	20.15	31.55
4	19.80	30.40	38.80	40.00	39.00	39.65	32.50	16.80	5.30	6.70	20.55	31.75
5	19.10	30.80	38.90	40.05	38.95	39.60	32.10	16.50	5.10	7.10	20.95	31.75
6	18.40	31.30	39.00	40.10	38.90	39.45	31.60	16.30	4.90	7.40	21.05	31.85
7	17.50	32.30	39.00	40.10	38.90	39.25	31.10	15.90	4.70	7.60	21.10	31.90
8	16.60	32.40	39.00	40.10	39.10	38.95	30.50	15.40	4.50	7.70	21.10	31.90
9	15.30	32.50	39.05	40.10	39.20	38.55	29.90	14.80	4.20	8.10	21.10	31.85
10	14.10	32.50	39.10	40.05	39.25	38.25	29.50	14.10	4.00	8.70	21.10	31.80
11	13.10	32.50	39.15	39.95	39.30	37.85	28.90	13.50	3.80	9.60	21.20	31.65
12	12.00	32.40	39.20	39.85	39.30	37.25	28.40	13.00	3.70	10.60	21.70	31.35
13	11.20	32.10	39.20	39.75	39.25	36.65	27.90	12.50	3.60	11.80	22.00	30.85
14	10.60	31.80	39.20	39.65	39.20	36.05	27.45	12.00	3.50	12.80	22.20	30.50
15	10.20	31.40	39.25	39.60	39.10	35.45	26.95	11.65	3.50	13.80	22.30	29.85
16	10.20	31.40	39.25	39.45	39.05	34.85	26.55	11.35	3.70	14.40	22.60	28.95
17	9.95	31.80	39.25	39.35	39.00	34.25	25.85	11.15	3.60	14.90	22.90	28.10
18	9.65	32.60	39.30	39.30	39.00	33.70	25.05	10.85	3.55	15.20	23.25	27.15
19	9.75	33.50	39.40	39.25	39.00	33.00	24.25	10.35	3.50	15.50	23.65	26.15
20	10.55	34.60	39.45	39.20	39.05	32.50	23.45	9.80	3.45	15.75	24.10	25.10
21	11.65	35.40	39.35	39.15	39.10	32.00	22.55	9.15	3.40	15.95	24.90	24.30
22	13.25	36.20	39.30	39.10	39.20	31.80	21.55	8.55	3.40	16.15	25.70	23.65
23	14.65	36.90	39.25	39.10	39.25	31.60	20.55	8.05	3.55	16.35	26.55	23.15
24	15.65	37.30	39.25	39.15	39.30	31.60	19.55	7.65	3.70	16.45	27.40	22.90
25	17.15	37.60	39.25	39.20	39.35	31.70	18.55	7.25	3.95	16.55	28.00	23.10
26	18.55	37.90	39.35	39.25	39.35	31.85	17.85	7.00	4.45	16.55	28.55	23.50
27	20.05	38.30	39.40	39.20	39.40	32.15	17.60	6.70	4.95	16.55	29.15	24.35
28	21.75	38.40	39.50	39.15	39.45	32.40	17.60	6.55	5.20	17.95	29.75	25.40
29	23.55		39.60	39.10	39.45	32.65	17.60	6.30	5.45	18.45	30.35	26.60
30	25.35		39.70	39.05	39.50	32.80	17.60	6.10	5.70	18.95	30.75	27.65
31	26.65		39.80		39.55		17.60	5.90		19.25		28.80

Mississippi River.—Red River Ldg., La., 1882.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.
1	29.90	39.90	44.60	48.30	44.75	41.45	41.50	38.50	19.15	14.40	10.40	15.30
2	30.60	40.00	44.80	48.20	44.60	41.45	41.45	38.15	18.55	14.00	10.20	15.60
3	31.45	40.20	45.00	48.10	44.45	41.40	41.40	37.70	17.90	13.50	10.00	15.70
4	32.05	40.45	45.25	48.00	44.30	41.40	41.30	37.00	17.30	13.00	9.80	15.75
5	32.50	40.60	45.40	47.85	44.15	41.40	41.30	36.30	16.80	12.40	9.70	15.80
6	32.95	40.80	45.70	47.70	44.00	41.45	41.20	35.40	16.25	11.80	9.65	15.90
7	33.35	40.90	45.90	47.60	43.80	41.50	41.10	34.50	15.70	11.25	9.65	16.10
8	34.05	41.05	46.20	47.40	43.85	41.55	41.05	33.45	15.35	10.75	9.65	16.30
9	34.50	41.25	46.40	47.30	43.70	41.60	41.00	32.35	15.10	10.30	9.65	16.50
10	34.70	41.40	46.60	47.15	43.65	41.65	40.95	31.35	14.90	9.95	9.70	16.30
11	35.10	41.55	46.85	47.00	43.35	41.70	40.90	30.35	14.60	9.70	9.75	16.00
12	35.20	41.70	47.00	47.00	43.20	41.70	40.80	29.20	14 30	9.45	10.00	15.70
13	35.40	41.85	47.20	46.95	43.00	41.70	40.75	28.30	14.10	9.45	10.20	15.35
14	35.65	42.00	47.30	46.80	42.80	41.75	40.75	27.50	14.00	9.45	10.30	15.05
15	35.85	42.20	47.35	46.70	42.65	41.75	40.65	27.35	14.00	9.40	10.35	14.75
16	36.00	42.30	47.45	46.50	42.50	41.80	40.60	27.05	14.00	9.25	10.45	14.40
17	36.25	42.50	47.55	46.35	42.35	41.80	40.50	26.70	13.95	9.15	10.70	14.05
18	36.40	42.65	47.60	46.15	42.25	41.80	40.40	26.40	13.90	9.10	10.85	13.75
19	36.60	42.80	47.70	46.05	42.10	41.80	40.35	26.00	13.75	9.20	11.20	13.50
20	36.80	42.95	47.75	45.95	41.95	41.80	40.30	25.85	13.60	9.25	11.70	13.25
21	37.35	43.10	47.95	45.85	41.90	41.80	40.25	25.25	13.40	9.30	12.10	12.95
22	37.70	43.30	48.00	45.70	41.85	41.80	40.20	24.65	13.10	9.45	12.55	12.60
23	37.85	43.40	48.10	45.70	41.75	41.80	40.25	24.00	12.80	9.55	12.85	12.20
24	38.05	43.60	48.20	45.60	41.65	41.75	40.20	23.35	12.65	9.70	13.20	11.80
25	38.35	43.80	48.30	45.50	41.55	41.75	40.00	22.70	12.75	9.90	13.50	11.45
26	38.60	43.95	48.40	45.40	41.50	41.75	39.80	22.10	13.10	10.10	13.80	11.15
27	38.80	44.10	48.50	45.25	41.35	41.70	39.70	21.75	13.60	10.35	14.05	11.10
28	39.05	44.30	48.45	45.15	41.40	41.70	39.55	21.40	14.05	10.50	14.35	11.10
29	39.45		48.40	45.00	41.35	41.60	39.35	20.90	14.30	10.55	14.60	11.25
30	39.60		48.35	44.85	41.35	41.55	39.10	20.40	14.40	10.50	15.00	11.45
31	39.80		48.35		41.40		38.85	19.80		10.40		11.85

Mississippi River.—Red River Ldg., La., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	12.35	21.55	38.50	44.45	42.88	40.60	38.40	34.00	14.20	4.50	11.35	22.35
2	13.00	22.95	38.65	44.55	42.78	40.50	38.35	33.70	13.75	4.45	11.35	22.90
3	13.75	24.40	38.80	44.60	42.70	40.50	38.33	33.40	13.25	4.40	11.20	23.65
4	14.75	25.75	38.95	44.70	42.65	40.45	38.31	32.20	12.75	4.25	11.00	24.55
5	15.85	26.60	39.05	44.90	42.67	40.30	38.30	30.90	12.30	4.10	10.90	25.45
6	17.05	27.55	39.15	45.00	42.62	40.20	38.35	29.80	11.80	4.00	11.00	26.10
7	18.35	28.55	39.35	45.10	42.55	40.10	38.35	28.70	11.30	3.95	11.20	26.60
8	18.70	29.15	39.65	45.10	42.50	40.00	38.40	27.60	10.80	3.95	11.75	27.15
9	19.00	29.65	39.75	45.20	42.45	39.85	38.40	26.60	10.30	4.10	12.65	27.50
10	18.85	30.10	39.85	45.15	42.50	39.75	38.55	25.70	9.75	4.30	13.90	27.70
11	18.60	30.55	40.00	45.05	42.50	39.65	38.55	25.00	9.25	4.40	15.90	27.75
12	18.40	30.95	40.10	44.95	42.50	39.55	38.55	24.50	8.85	4.50	17.55	27.80
13	18.30	31.40	40.20	44.83	42.47	39.55	38.55	24.05	8.40	4.60	18.10	27.80
14	18.20	31.85	40.30	44.72	42.44	39.50	38.50	23.75	8.15	4.70	18.50	27.90
15	18.40	32.35	40.40	44.60	42.40	39.35	38.45	23.45	7.90	4.85	18.70	27.80
16	18.50	32.80	40.55	44.45	42.40	39.20	38.40	23.12	7.80	5.10	18.85	27.60
17	18.40	33.35	40.65	44.30	42.38	39.10	38.30	22.80	8.00	5.35	19.00	27.20
18	18.20	34.35	40.85	44.15	42.35	39.00	38.20	22.50	7.50	5.90	19.30	26.75
19	18.05	34.90	41.00	44.00	42.30	38.90	38.00	22.15	7.00	6.20	19.60	26.00
20	17.95	35.45	41.20	43.87	42.25	38.80	37.75	21.60	6.55	6.60	20.00	25.10
21	17.80	35.90	41.40	43.75	42.20	38.70	37.50	21.05	6.35	7.40	20.35	24.30
22	17.65	36.25	41.70	43.63	42.10	38.60	37.10	20.50	6.10	8.00	20.75	23.50
23	17.55	36.70	42.00	43.63	41.90	38.60	36.70	19.80	5.85	8.40	22.30	22.75
24	17.35	37.20	42.30	43.50	41.70	38.55	36.30	19.10	5.70	8.75	22.70	21.95
25	17.20	37.60	42.90	43.41	41.45	38.50	36.00	18.50	5.50	9.05	22.80	21.35
26	17.20	37.90	43.05	43.25	41.40	38.50	35.75	17.90	5.20	9.35	22.85	20.75
27	17.35	38.10	43.35	43.10	41.10	38.45	35.55	17.20	4.95	9.80	22.75	20.25
28	18.05	38.35	43.60	43.03	40.90	38.45	35.30	16.60	4.80	10.15	22.35	19.75
29	18.75		43.80	43.03	40.75	38.45	35.10	15.90	4.70	10.65	22.10	19.45
30	19.55		44.05	42.94	40.67	38.45	34.80	15.25	4.60	10.95	22.10	19.60
31	20.35		44.25		40.80		34.40	14.65		11.25		21.60

Mississippi River.—Red River Landing, La., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	23.40	32.30	40.45	47.25	44.85	45.40	35.20	22.40	9.25	6.30	13.85	7.55
2	24.55	32.25	40.75	47.20	44.90	45.25	34.75	21.65	9.10	6.30	13.70	7.50
3	26.05	32.05	41.05	47.10	45.00	45.05	34.35	20.70	8.95	6.40	13.60	7.65
4	27.60	31.95	41.30	47.00	45.05	44.95	33.85	19.75	8.85	6.60	13.65	7.95
5	29.35	31.80	41.60	47.05	45.15	44.70	33.45	19.00	8.80	7.10	13.70	8.65
6	30.40	31.65	41.95	47.05	45.25	44.45	33.25	18.60	8.60	7.90	13.70	9.45
7	31.45	31.45	42.35	46.85	45.30	44.10	33.05	18.25	8.65	9.10	13.60	9.80
8	32.20	31.35	43.00	46.70	45.30	43.75	32.75	18.30	8.85	10.55	13.45	10.00
9	32.85	31.50	43.30	46.55	45.35	43.25	32.40	18.40	9.00	12.00	13.35	10.00
10	33.40	32.00	43.70	46.40	45.35	42.80	32.00	18.70	9.25	13.25	13.20	9.80
11	33.85	32.75	44.00	46.25	45.35	42.30	31.70	18.80	9.50	14.30	12.95	9.55
12	34.05	33.75	44.30	46.20	45.40	41.80	31.20	18.85	9.70	15.20	12.65	9.35
13	34.20	34.90	44.50	46.05	45.45	41.35	30.80	18.80	9.80	15.85	12.30	8.70
14	34.25	35.80	44.70	45.90	45.48	40.90	30.30	18.75	9.80	16.43	12.00	8.55
15	34.30	36.45	44.80	45.80	45.53	40.45	29.90	18.60	9.65	16.50	11.55	8.55
16	34.15	37.35	44.80	45.75	45.67	40.05	29.50	18.35	9.35	16.45	11.10	8.00
17	34.00	37.75	44.80	45.65	45.70	39.70	29.10	17.00	8.35	16.15	10.65	7.65
18	34.05	38.05	45.40	45.50	45.80	39.35	28.80	16.55	8.30	15.80	10.20	7.80
19	34.05	38.25	45.60	45.40	45.82	39.05	28.50	16.00	7.85	15.50	9.75	8.75
20	33.75	38.45	45.80	45.45	45.82	38.75	28.15	15.50	7.45	15.30	9.40	10.00
21	33.30	38.60	46.05	45.35	45.80	38.45	27.80	14.85	7.10	15.20	9.00	11.55
22	32.85	38.90	46.35	45.25	45.83	38.15	27.40	14.35	6.80	15.20	8.65	13.20
23	32.40	39.10	46.65	45.15	45.95	37.85	26.90	13.60	6.65	15.20	8.65	14.35
24	32.50	39.25	46.90	45.10	45.93	37.55	26.50	12.85	6.60	15.25	8.35	15.10
25	32.30	39.40	47.00	45.05	45.88	37.25	26.05	12.20	6.60	15.25	8.10	15.70
26	32.15	39.60	47.10	44.95	45.85	37.00	25.70	11.55	6.50	15.35	8.00	16.05
27	32.10	39.80	47.15	44.90	45.85	36.65	25.25	10.95	6.45	15.20	7.90	16.25
28	32.15	40.05	47.25	44.90	45.80	36.20	24.80	10.40	6.45	15.00	7.88	16.20
29	32.25	40.25	47.30	44.85	45.73	36.00	24.30	9.95	6.40	14.75	7.75	16.80
30	32.30		47.30	44.85	45.65	35.65	23.70	9.60	6.40	14.45	7.65	18.00
31	32.35		47.30		45.55		23.10	9.40		14.10		19.25

Mississippi River.—Natchez, Miss., 1871.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
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10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.42
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.95
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.60
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.20
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.00
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.90
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.80
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.80
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.85
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.85
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.80
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.70
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.65
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.40
29	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	2.25
30	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	2.00
31	.....		.....		.....		.....	.....		.....		1.75

Mississippi River.—Natchez, Miss., 1872.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1.90	10.45	12.25	21.35	39.75	33.80	29.15	24.50	11.45	5.10	2.20	3.90
2	1.90	9.75	13.35	21.32	39.85	33.85	28.60	24.70	10.95	5.00	2.05	3.50
3	1.95	9.20	14.50	21.80	39.83	33.85	28.20	24.90	10.75	4.90	1.90	3.20
4	2.15	8.50	15.30	22.02	39.85	33.80	27.40	25.00	10.55	4.80	1.80	2.90
5	2.38	7.85	16.05	22.05	39.85	33.80	26.60	25.10	10.45	4.70	1.70	2.50
6	2.80	7.55	16.50	22.95	39.82	33.78	26.10	25.10	10.35	4.80	1.60	2.15
7	3.50	7.20	16.75	23.00	39.56	33.70	25.50	24.95	10.20	5.20	1.50	1.75
8	4.20	6.30	16.90	23.20	39.30	33.50	24.80	24.70	10.05	5.20	1.45	1.45
9	5.00	5.47	16.95	23.73	38.70	33.35	24.00	24.45	9.75	5.20	1.45	1.20
10	5.85	4.75	16.95	24.30	38.10	33.22	23.20	24.00	9.50	5.10	1.40	0.90
11	6.50	4.75	16.90	25.20	37.20	32.95	22.40	23.40	9.50	5.00	1.30	0.60
12	7.40	4.90	16.72	26.40	36.23	32.70	21.50	22.80	9 50	4.90	1.20	0.50
13	8.75	4.90	16.52	27.40	35.20	32.40	20.55	21.80	8.70	4.75	1.20	0.20
14	10.30	4.65	16.27	28.65	34.05	32.15	20.20	20.95	8.00	4.55	1.20	0.00
15	11.60	4.65	16.00	29.95	32.90	32.05	19.90	19.95	7.70	4.35	1.23	0.00
16	12.50	4.80	15.80	31.55	31.60	31.95	19.55	19.60	7.50	4.10	1.90	0.00
17	13.10	5.10	15.70	33.10	30.30	31.98	19.25	19.20	7.30	3.95	2.60	0.10
18	13.55	5.40	15.95	34.30	29.25	32.08	18.95	18.28	7.10	3.80	3.22	0.20
19	14.10	5.80	16.15	35.45	28.30	32.25	18.75	17.78	6.80	3.65	3.90	0.25
20	14.45	6.20	16.20	36.20	28.20	32.45	18.45	17.03	6.50	3.45	4.05	0.35
21	14.50	6.80	16.31	36.90	28.10	32.60	18.25	15.28	6.30	3.30	4.15	0.40
22	14.55	7.40	16.55	37.60	28.20	32.67	18.55	14.78	6.20	3.15	4.05	0.50
23	14.07	7.90	17.66	37.95	28.75	32.70	19.20	13.22	6.00	3.05	3.95	0.50
24	13.23	8.30	18.23	38.30	30.20	32.55	19.70	12.70	5.75	2.90	3.80	0.50
25	12.95	8.70	18.93	38.65	30.95	32.25	20.20	12.28	5.65	2.75	3.60	0.40
26	12.55	9.07	19.85	38.90	31.10	31.90	21.80	12.00	5.45	2.65	3.60	0.40
27	12.35	9.40	20.40	39.10	31.20	30.75	22.00	11.70	5.30	2.55	4.00	0.40
28	12.20	10.00	20.60	39.33	31.70	31.05	23.10	11.65	5.20	2.45	4.10	0.35
29	11.95	11.23	20.75	39.55	32.40	30.43	23.70	11.65	5.20	2.35	4.15	0.24
30	11.55		20.95	39.65	33.15	29.85	23.95	11.62	5.20	2.30	4.15	0.25
31	11.05		21.25		33.55		24.15	11.60		2.30		0.20

Mississippi River.—Natchez, Miss., 1873.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	0.95	18.90	36.50	.....	38.80	40.00	34.50	24.60	9.70	5.00	4.10	7.80
2	3.20	19.90	36.90	.....	38.85	40.00	34.00	23.90	9.40	4.80	4.05	8.30
3	5.10	20.40	37.30	.....	38.90	39.90	33.50	23.20	9.10	4.70	4.00	9.00
4	7.65	21.05	37.50	.....	38.95	39.75	32.95	22.50	8.90	4.60	3.90	10.20
5	10.00	21.40	37.90	.....	38.70	39.70	32.45	22.00	8.70	4.55	3.80	11.45
6	11.00	21.20	38.20	.....	38.90	39.80	32.00	21.50	8.60	4.55	3.70	12.45
7	10.95	21.20	38.40	.....	39.00	39.70	31.45	21.00	8.50	5.05	3.70	13.20
8	10.60	20.90	38.60	.....	38.70	39.70	31.20	20.60	8.45	5.55	4.20	13.85
9	10.20	20.40	38.70	.....	38.65	39.60	30.90	20.20	8.25	5.70	5.20	15.00
10	9.70	19.80	38.90	.....	38.60	39.60	30.60	19.70	8.20	5.70	6.70	16.40
11	9.00	18.20	38.95	.....	38.45	39.55	30.35	19.00	8.10	5.50	7.70	17.70
12	8.20	17.90	39.00	.....	38.45	39.50	30.10	18.50	8.00	5.20	8.70	19.00
13	8.65	17.20	39.00	.....	38.45	39.30	30.05	18.00	7.95	5.00	9.55	20.20
14	8.95	16.70	38.90	.....	38.50	39.10	30.00	17.50	7.70	4.75	9.95	21.70
15	10.05	16.95	38.80	.....	38.55	38.80	30.10	16.80	7.65	4.55	10.30	23.50
16	12.10	17.70	38.60	.....	38.60	38.60	30.35	16.10	7.65	4.40	10.35	25.00
17	13.70	19.00	38.40	.....	38.65	38.40	30.60	15.20	7.60	4.20	10.20	26.40
18	14.85	20.90	38.05	.....	38.70	38.20	30.90	14.80	7.60	4.10	9.95	27.50
19	15.30	23.80	37.40	.....	38.75	37.80	31.10	14.35	7.60	4.05	9.50	28.60
20	16.80	26.40	36.70	.....	38.80	37.35	31.40	13.85	7.60	3.90	9.00	29.60
21	17.40	29.00	35.95	.....	38.90	36.95	31.55	13.55	7.10	3.70	8.40	30.40
22	17.70	30.60	35.20	.....	39.05	36.50	31.55	13.10	6.90	3.50	7.80	31.20
23	17.70	32.30	.....	.....	39.10	36.30	31.35	12.80	6.70	3.40	7.50	32.00
24	17.75	33.20	.....	.....	39.20	36.10	31.10	12.60	6.45	3.35	7.20	32.50
25	17.80	34.00	.....	.....	39.35	35.85	30.70	12.20	6.20	3.35	6.95	33.10
26	17.75	34.70	.....	.....	39.45	35.70	30.05	11.90	5.90	3.45	6.70	33.60
27	17.70	35.50	.....	38.40	39.60	35.50	29.20	11.70	5.70	3.60	6.60	33.80
28	17.70	36.10	.....	38.50	39.80	35.45	28.40	11.45	5.50	3.65	6.75	34.05
29	17.90		.....	38.55	40.10	35.20	27.40	10.90	5.30	3.80	6.90	34.20
30	18.10		.....	38.60	40.15	34.85	26.40	10.45	5.20	3.85	7.20	34.28
31	18.50		.....		40.10		25.40	10.00		4.00		34.30

Mississippi River.—Natchez, Miss., 1874.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.
1	34.30	30.15	34.50	42.90	45.20	43.60	24.50	12.00	6.80	5.30	5.30	5.40
2	34.00	30.45	35.30	42.95	45.20	43.40	23.95	11.90	6.65	5.80	5.10	5.60
3	33.60	30.95	36.10	43.00	45.15	43.20	23.40	11.90	6.50	6.30	4.95	5.90
4	32.50	31.65	36.70	43.10	45.10	42.95	22.80	11.85	6.40	6.80	4.80	6.25
5	31.90	32.30	37.20	43.15	45.10	42.60	22.10	11.70	6.30	7.25	4.70	7.25
6	30.90	33.30	37.55	43.23	45.05	42.15	21.40	11.60	6.25	7.70	4.55	8.30
7	29.90	33.80	38.00	43.35	45.00	41.40	20.70	11.50	6.20	8.00	4.30	9.20
8	28.60	34 20	38.40	43.50	44.95	40.80	19.90	11.35	6.20	8.30	4.20	9.80
9	26.90	34.45	38.55	44.10	44.95	40.00	19.10	11.35	6.45	8.50	4.00	10.30
10	25.40	34.70	38.70	44.20	44.90	38.95	18.50	11.40	7.00	8.60	3.80	10.35
11	24.10	34.80	38.90	44.40	44.85	37.70	18.20	11.55	8.10	8.55	3.60	10.40
12	21.90	34.90	39.20	44.50	44.82	36.40	17.70	11.60	9.25	8.35	3.40	10.40
13	20.60	34.90	39.45	44.55	44.80	34.95	17.20	11.90	10.40	8.03	3.20	10.45
14	19.20	34.70	39.65	44.60	44.75	33.50	16.75	12.10	11.00	7.73	3.00	10.55
15	19.20	34.50	39.90	44.70	44.75	32.10	16.50	12.20	11.25	7.40	2.90	10.60
16	19.20	34.10	40.30	44.95	44.70	30.85	16.40	12.30	11.05	7.15	2.80	10.65
17	19.90	33.60	40.65	45.20	44.65	29.65	16.05	12.20	10.60	6.90	2.70	10.20
18	19.90	32.80	40 80	45.20	44.60	28.65	15.75	12.00	10.00	6.75	3.00	9.90
19	21.50	31.80	41.00	45.45	44.55	27.85	15.40	11.55	9.35	6.60	3.00	9.50
20	23.30	30.90	41.10	45.60	44.50	27.20	15.20	11.10	8.60	6.40	2.90	9.10
21	25.20	30.20	41.20	45.50	44.45	26.95	15.00	10.60	8.00	6.35	2.80	8.20
22	26.20	29.60	41.47	45.40	44.40	26.80	14.80	10.05	7.30	6.25	2.80	7.50
23	27.70	29.30	41.70	45.35	44.35	26.70	14.70	9.60	6.75	6.20	2.90	7.00
24	28.70	29.45	41.95	45.35	44.25	26.60	14.50	9.10	6.50	6.17	3.15	6.75
25	30.20	29.95	42.08	45.40	44.20	26.40	14.30	8.60	6.20	6.15	3.50	6.60
26	30.45	30.95	42.17	45.35	44.15	26.15	14.00	8.20	5.90	6.10	3.90	6.60
27	30.60	31.45	42.25	45.30	44.10	25.90	13.70	8.05	5.65	6.00	4.30	6.40
28	30.60	33.45	42.35	45.30	44.00	25.55	13.30	7.70	5.50	5.90	4.70	6.20
29	30.45		42.40	45.20	43.95	25.20	12.85	7.40	5.35	5.80	5.00	6.00
30	30.25		42.65	45.20	43.77	24.90	12.45	7.20	5.25	5.60	5.20	6.20
31	30.10		42.73				12.15	7.00		5.50		6.50

Mississippi River.—Natchez, Miss., 1875.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	7.00	8.75	19.90	39.75	41.50	36.50	27.90	36.40	39.45	23.10	8.75	15.00
2	8.00	8.80	19.50	40.00	41.35	36.00	28.25	36.60	39.30	23.20	8.60	15.90
3	9.00	9.30	19.30	40.20	41.20	35.40	28.65	36.80	39.10	23.10	8.45	16.90
4	10.00	10.20	19.00	40.30	41.00	34.85	29.00	36.90	38.65	23.00	8.40	18.20
5	11.50	11.90	19.20	40.40	40.80	34.25	29.30	37.10	38.10	22.70	8.40	19.50
6	13.50	14.30	20.50	40.50	40.60	33.60	29.70	37.30	37.35	22.20	8.30	20.80
7	15.50	17.00	22.80	40.60	40.50	33.00	30.00	37.40	36.35	21.50	8.10	21.80
8	17.20	19.70	25.70	40.70	40.50	32.30	30.35	37.50	35.10	20.70	8.00	22.60
9	18.70	21.70	28.10	40.80	40.50	31.65	30.70	37.70	33.75	19.80	7.90	23.30
10	19.90	23.20	30.10	41.00	40.60	31.00	31.00	37.85	32.00	18.80	7.80	23.65
11	20.80	25.00	31.80	41.10	40.70	30.30	31.40	37.95	30.45	18.00	7.65	23.80
12	21.70	26.20	33.40	41.20	40.72	29.60	31.70	38.10	28.70	17.10	7.50	23.80
13	22.60	27.00	34.40	41.20	40.75	29.00	31.90	38.20	27.15	16.20	7.35	23.50
14	23.40	27.80	35.20	41.22	40.75	28.65	32.10	38.35	25.75	15.50	7.30	23.15
15	23.80	28.90	35.60	41.25	40.75	28.50	32.30	38.65	24.45	15.00	7.25	22.60
16	24.00	29.20	36.00	41.28	40.75	28.70	32.50	39.00	22.85	14.40	7.25	22.20
17	24.00	29.15	36.35	41.28	40.73	28.80	32.70	39.10	22,00	13.80	7.30	21.85
18	23.50	28.90	36.60	41.30	40.70	28.85	32.90	39.15	21.70	13.20	7.35	21.50
19	22.70	28.30	37.00	41.40	40.68	28.95	33.20	39.18	21.75	12.80	7.60	21.20
20	21.90	27.50	37.50	41.45	40.65	28.80	33.50	39.20	21.90	12.40	8.20	21.00
21	20.80	26.60	37.90	41.60	40.60	28.60	33.80	39.28	22.20	12.10	9.00	20.80
22	19.50	25.50	38.00	41.70	40.40	28.30	34.10	39.32	22.50	11.90	10.00	20.60
23	18.00	24.40	38.10	41.80	40.20	27.80	34.40	39.35	22.75	11.70	11.00	21.00
24	17.40	23.70	38.25	41.82	40.00	27.40	34.70	39.40	22.85	11.45	12.00	21.10
25	16.20	23.10	38.40	41.85	39.75	27.00	35.00	39.40	23.00	11.10	12.60	21.70
26	14.40	22.20	38.50	41.85	39.35	26.70	35.20	39.42	23.00	10.85	13.20	21.70
27	13.00	21.50	38.70	41.82	38.95	26.50	35.50	39.45	22.95	10.40	13.50	21.70
28	11.60	20.50	38.85	41.80	38.50	26.60	35.70	39.45	22.92	10.00	13.90	21.60
29	10.60		39.10	41.70	38.10	26.90	35.90	39.48	22.95	9.65	14.20	21.50
30	9.80		39.35	41.60	37.60	27.50	36.10	39.50	23.00	9.30	14.50	21.35
31	9.20		39.45		37.00		36.30	39.50		9.00		21.20

Mississippi River.—Natchez, Miss., 1876.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	20.90	36.70	40.80	41.40	43.37	43.15	37.80	37.25	20.60	23.80	10.30	11.20
2	21.00	37.00	40.83	41.45	43.40	43.10	37.65	36.85	20.40	23.60	10.20	11.20
3	21.80	37.30	40.85	41.50	43.40	42.98	37.50	36.35	20.10	23.30	10.20	11.20
4	23.30	37.60	40.90	41.55	43.40	42.80	37.40	35.60	19.85	23.40	10.20	11.22
5	25.30	37.70	40.95	41.60	43.42	42.70	37.30	34.75	19.55	23.50	10.30	11.25
6	27.30	37.90	41.00	41.65	43.45	42.55	37.20	33.85	19.15	23.60	10.40	11.30
7	29.00	38.20	41.40	41.70	43.50	42.40	37.20	32.85	18.80	23.60	10.50	11.40
8	30.20	38.60	41.35	41.80	43.80	42.20	37.20	31.85	18.50	23.40	10.55	11.55
9	31.50	38.70	41.30	41.85	43.80	42.00	37.25	31.00	18.15	23.20	10.60	11.70
10	32.50	38.85	41.20	41.90	43.80	41.80	37.30	30.00	17.80	22.80	10.80	11.80
11	33.20	39.10	41.10	42.00	43.80	41.60	37.35	28.90	17.60	22.40	11.40	11.75
12	34.00	39.20	41.35	42.10	43.80	41.40	37.40	27.80	17.40	21.50	12.00	11.45
13	34.50	39.35	41.10	42.20	43.82	41.20	37.45	26.80	17.25	20.50	12.40	11.00
14	34.90	39.45	40.90	42.40	43.84	40.80	37.50	26.00	17.20	19.60	12.80	10.45
15	35.20	39.55	40.90	42.50	43.85	40.60	37.60	25.20	17.35	18.60	13.00	9.80
16	35.50	39.65	40.80	42.55	43.85	40.40	37.70	24.50	17.80	17.40	13.00	9.00
17	35.70	39.75	40.50	42.60	43.80	40.10	37.75	24.00	18.50	16.60	13.00	8.20
18	36.00	39.80	40.10	42.60	43.75	39.70	37.80	23.50	19.20	15.90	13.00	7.30
19	36.00	39.85	39.80	42.60	43.73	39.30	37.85	23.00	19.90	15.20	13.00	6.90
20	36.00	39.95	40.00	42.65	43.70	38.90	37.90	22.70	20.30	14.40	13.00	6.50
21	30.90	40.05	40.20	42.70	43.65	38.50	37.95	22.50	20.80	13.60	12.95	5.80
22	35.60	40.50	40.30	42.80	43.65	38.25	37.95	22.30	21.20	13.00	12.85	5.30
23	35.30	40.65	40.40	42.85	43.60	38.00	37.95	22.10	21.50	12.50	12.75	5.00
24	35.20	40.67	40.50	42.90	43.50	38.00	37.92	22.00	21.90	12.10	12.50	4.75
25	35.00	40.67	40.70	42.95	43.45	38.15	37.90	21.70	22.40	11.80	12.30	4.50
26	34.90	40.67	40.80	43.00	43.40	38.20	37.87	21.50	22.90	11.50	12.20	4.20
27	35.00	40.70	40.90	43.10	43.38	38.20	37.85	21.20	23.40	11.20	12.00	3.90
28	35.20	40.75	41.00	43.20	43.30	38.15	37.83	21.00	23.80	11.00	11.80	3.60
29	35.80	40.77	41.10	43.30	43.20	38.10	37.80	20.85	24.00	10.80	11.60	3.30
30	36.20		41.20	43.35	43.20	38.00	37.70	20.75	23.90	10.50	11.40	3.00
31	36.40		41.30		43.20		37.55	20.70		10.40		2.90

Mississippi River.—Natchez, Miss., 1877.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	2.80	30.00	19.00	30.80	39.45	40.65	39.35	25.25	9.50	7.10	11.00	19.30
2	2.60	31.00	18.40	31.00	39.50	40.60	39.20	25.00	9.20	7.30	11.40	19.60
3	2.40	32.00	17.70	31.50	39.55	40.55	39.10	24.70	9.10	7.20	11.60	19.80
4	2.20	33.50	16.90	32.00	39.70	40.40	38.90	24.20	8.90	7.10	12.00	20.30
5	1.90	33.60	16.00	32.20	39.72	40.35	38.80	23.70	8.80	7.00	12.50	20.80
6	1.50	33.70	15.40	32.30	39.90	40.10	38.70	23.10	8.70	6.80	13.20	21.20
7	1.50	33.70	14.70	32.50	39.95	39.80	38.60	22.50	8.70	6.75	13.90	21.80
8	1.45	33.60	14.30	33.75	40.00	39.50	38.50	21.60	8.65	6.70	15.00	22.60
9	1.40	33.20	14.00	34.30	40.10	39.00	38.40	21.10	8.60	6.60	15.90	23.40
10	1.50	32.60	13.70	35.00	40.20	38.30	38.30	20.20	8.50	6.50	16.20	24.00
11	1.75	31.60	13.50	35.50	40.30	38.00	38.20	19.40	8.40	6.40	16.30	24.50
12	2.15	30.20	13.30	35.75	40.35	38.00	38.10	18.80	8.40	6.30	16.40	24.70
13	2.80	28.80	13.30	36.50	40.38	38.20	37.95	18.20	8.45	6.10	16.45	24.70
14	3.10	27.70	13.45	36.90	40.40	38.40	37.70	17.60	8.55	5.90	16.50	24.30
15	3.40	26.70	13.65	37.10	40.45	38.70	37.40	16.80	8.65	5.70	16.60	23.90
16	3.60	25.80	14.00	37.40	40.47	39.20	37.10	16.10	8.65	5.50	16.70	23.40
17	3.70	25.30	14.50	37.60	40.50	39.25	36.70	15.50	8.60	5.40	16.80	22.60
18	3.90	25.00	15.70	37.80	40.50	39.30	36.10	14.80	8.60	5.40	16.70	21.80
19	4.10	24.80	17.30	38.00	40.50	39.40	35.40	14.20	9.00	5.60	16.40	21.00
20	4.40	24.70	19.30	38.20	40.52	39.50	34.70	13.70	8.80	5.70	16.30	20.60
21	5.60	24.60	21.50	38.35	40.55	39.60	33.70	13.30	8.70	5.70	16.30	20.20
22	7.10	24.40	23.50	38.50	40.55	39.70	32.70	13.10	8.30	5.60	16.25	19.90
23	8.80	24.00	25.20	38.65	40.55	39.75	31.90	12.90	8.00	5.80	15.90	19.85
24	12.30	23.50	26.20	38.75	40.55	39.75	31.15	12.60	7.75	6.20	15.50	19.80
25	16.30	22.70	27.65	38.85	40.50	39.70	30.00	12.30	7.55	6.70	15.80	19.60
26	19.60	21.70	28.65	38.95	40.50	39.65	29.00	11.80	7.40	7.50	16.20	19.40
27	22.30	20.90	29.35	39.05	40.55	39.60	28.15	11.40	7.30	8.00	16.60	19.30
28	24.60	19.90	29.75	39.20	40.60	39.55	27.35	10.90	7.20	8.40	17.30	19.35
29	26.30		30.15	39.30	40.65	39.50	26.60	10.50	7.10	9.20	18.00	19.70
30	27.80		30.50	39.40	40.70	39.45	26.10	10.20	7.05	10.00	18.70	20.60
31	29.00		30.65		40.70		25.70	9.80		10.50		21.40

Mississippi River.—Natchez, Miss., 1878.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	22.00	29.40	34.50	38.70	35.55	37.00	34.75	21.20	15.25	14.50	6.75	7.20
2	23.00	29.50	35.00	38.40	36.10	37.15	34.60	20.80	15.25	15.25	6.75	7.50
3	23.80	29.40	35 25	38.00	36.70	37.30	34.40	20.50	15.25	15.40	6.65	7.80
4	25.00	29.30	35.50	37.50	37.00	37.45	34.20	20.20	15.20	15.35	6.60	8.25
5	26.10	29.30	35.75	36.75	37.50	37.55	34.00	20.00	15.05	14.60	6.55	8.50
6	27.10	29.30	36.00	35.90	37.70	37.65	33.75	20.00	14.90	14.00	6.50	8.75
7	28.00	29.50	36.20	34.90	37.90	37.70	33.50	20.10	14.75	13.20	6.40	9.25
8	29.00	30.00	36.35	33.90	38.00	37.80	33.25	20.20	14.45	12.40	6.35	10.50
9	29.70	30.50	36.50	33.70	38.10	37.70	33.00	20.40	14.00	11.50	6.40	13.25
10	30.20	31.00	37.30	32.90	38.20	37.60	32.85	20.60	13.50	10.75	6.50	16.25
11	30.40	31.50	37.60	32.10	38.30	37.30	32.80	20.80	13.00	10.00	6.70	17.75
12	30.50	31.60	37.65	31.20	38.35	37.10	32.70	20.90	12.50	9.50	7.00	20.50
13	30.50	31.75	37.70	30.50	38.40	37.10	32.55	20.80	12.00	9.00	7.30	21.90
14	30.40	31.90	37.75	30.00	38.40	36.90	32.45	20.65	11.50	8.50	7.50	23.00
15	30.10	32.00	37.80	29.80	38.40	36.50	32.35	20.40	11.00	8.25	7.70	23.50
16	29.60	32.00	37.85	29.55	38.35	36.10	32.15	20.10	10.50	8.00	7.90	24.00
17	29.10	31.80	38.00	29.30	38.30	35.70	31.95	19.70	10.40	7.90	8.00	24.25
18	28.50	31.60	38.10	29.30	38.20	35.30	31.70	19.40	10.30	7.85	8.00	24.75
19	28.00	31.60	38.30	29.55	38.50	35.00	31.45	19.30	10.00	7.75	8.00	25.00
20	27.50	31.75	38.40	29.75	38.40	34.70	31.00	19.00	9.80	7.70	7.95	25.35
21	27.20	32.00	38.55	30.00	38.20	34.50	30.50	18.70	9.50	7.65	7.90	25.60
22	26.95	32.25	38.70	30.25	38.00	34.50	29.75	18.50	9.25	7.60	7.70	26.00
23	26.70	32.50	38.80	30.50	37.60	34.60	28.50	18.25	9.15	7.50	7.40	26.10
24	26.50	32.75	38.85	31.00	37.30	34.70	27.25	18.00	9.00	7.40	7.20	26.20
25	26.60	33.00	38.90	31.50	37.00	34.90	26.40	17.50	8.70	7.30	7.00	26.30
26	27.00	33.20	38.90	32.00	36.60	35.00	25.50	17.00	8.60	7.20	7.00	26.40
27	27.60	33.50	39.00	32.70	36.40	34.90	24.60	16.50	9.00	7.20	7.00	26.40
28	28.30	34.00	39.20	33.00	36.30	34.80	23.80	16.00	10.40	7.05	7.00	26.40
29	28.80		39.05	34.00	36.35	34.80	23.00	15.50	12.30	6.90	7.00	26.40
30	29.20		38.90	34.80	36.50	34.80	22.00	15.25	13.60	6.80	7.00	26.35
31	29.50		38.80		36.75		21.50	15.25		6.80		26.00

Mississippi River.—Natchez, Miss., 1879.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.
1	25.25	33.50	32.20	33.10	33.60	14.90	16.50	14.00	11.20	6.10	3.20	12.10
2	24.50	34.00	31.80	33.40	33.00	14.80	16.60	14.00	13.20	5.70	3.70	12.05
3	23.50	34.40	31.50	33.70	32.55	14.40	16.70	14.00	13.00	5.20	4.20	12.00
4	22.00	34.70	31.30	33.90	32.00	14.10	16.60	14.10	12.90	4.70	4.60	11.85
5	20.50	35.00	31.20	34.00	31.10	13.90	16.50	14.20	12.70	4.40	4.70	11.80
6	19.25	35.40	31.00	34.10	30.50	13.85	16.50	14.40	12.40	4.10	4.60	11.90
7	18.25	35.60	30.80	34.10	29.80	14.10	16.60	14.45	12.40	3.90	4.40	11.90
8	17.25	35.70	30.60	34.20	29.30	14.40	17.00	14.45	12.40	3.60	4.00	12.00
9	16.25	35.80	30.00	34.20	28.50	14.80	17.40	14.20	12.50	3.30	3.50	12.20
10	15.50	35.90	29.50	34.25	27.70	15.25	18.00	13.80	12.60	3.00	3.00	12.60
11	14.50	36.20	29.00	34.25	26.50	15.75	18.50	13.50	13.50	2.70	2.80	13.00
12	13.75	36.50	28.50	34.20	25.00	16.25	18.80	13.40	14.50	2.50	2.70	13.50
13	13.25	36.55	28.00	34.20	24.40	16.65	18.70	13.20	16.00	2.30	2.60	14.10
14	12.40	36.60	27.60	34.50	23.80	17.10	18.50	13.00	16.60	2.15	2.40	15.25
15	12.10	36.65	27.40	34.60	23.30	17.30	18.30	12.90	16.80	2.05	2.50	16.75
16	12.00	36.70	26.80	34.65	22.70	17.40	18.10	12.90	16.80	1.90	2.60	17.50
17	12.10	36.80	26.80	34.65	21.70	17.50	17.90	13.00	16.60	1.85	2.70	18.40
18	12.80	36.80	27.00	34.40	21.00	17.45	17.60	13.35	16.20	1.80	2.50	19.90
19	14.00	36.80	27.00	34.20	20.25	17.25	17.00	13.35	15.50	1.80	2.40	21.40
20	15.60	36.80	27.50	34.20	19.75	17.00	16.40	13.30	14.60	1.80	2.30	22.90
21	17.80	36.50	27.90	34.20	19·25	16.60	16.00	13.10	13.60	1.80	2.30	24.10
22	20.00	36.30	28.20	34.25	18·75	16.30	15.60	12.90	12.75	1.80	2.35	25.10
23	22.00	35.90	28.80	34.35	18·25	16.20	15.40	12.60	11.90	1.90	2.60	26.00
24	24.00	35.50	29.40	34.45	17·25	16.00	15.00	12.20	10.90	2.00	3.00	26.50
25	26.00	34.90	29.80	34.45	17·30	15.90	14.80	11.80	9.90	2.10	3.90	26.75
26	28.00	34.00	30.40	34.45	17.00	15.80	14.70	11.40	9.00	2.25	5.40	27.00
27	30.00	33.40	31.00	34.45	16.60	15.80	14.60	11.00	8.30	2.45	7.40	27.25
28	31.00	32.80	31.60	34.50	16.30	15.80	14.50	10.80	7.70	2.70	9.10	27.50
29	32.00		32.00	34.30	15.90	16.00	14.40	10.70	7.10	2.85	10.40	27.75
30	32.75		32.50	34.00	15.60	16.25	14.30	10.70	6.60	3.00	11.90	28.00
31	33.25		32.80		15.20		14.20	11.00		3.10		28.50

Mississippi River.—Natchez, Miss., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	29.00	38.50	37.25	42.35	42.40	28.00	23 00	24.75	9.30	9.90	8.10	17.30
2	29.50	38.55	37.45	42.40	42.25	27.00	23.60	23.75	9.30	9.50	8.10	17.20
3	30.20	38.65	37.75	42.45	42.10	25.50	24.25	22.75	9.90	9.20	8.00	17.00
4	31.00	38.45	38.00	42.50	41.90	24.40	24.75	21.90	9.90	9.00	7.90	16.50
5	31.70	38.20	38.20	42.60	41.80	23.80	25.25	21.15	10.20	8.85	7.80	16.10
6	32.30	37.80	38.40	42.62	41.65	23.50	25.75	20.25	10.60	8.60	7.80	16.20
7	33.00	37.30	38.60	42.65	41.50	23.50	26.00	19.50	11.20	8.40	7.90	16.00
8	33.60	36.50	38.80	42.68	41.40	23.75	26.25	18.75	11.70	8.40	8.00	15.80
9	34.00	35.70	39.20	42.75	41.35	24.00	26.50	18.00	12.00	8.40	8.30	16.00
10	34.50	34.70	39.30	42.78	41.30	24.50	27.00	17.25	12.35	8.42	9.90	16.90
11	34.90	33.60	39.60	42.80	41.25	25.00	27.50	16.50	12.65	8.45	10.40	18.20
12	35.10	32.40	39.90	42.80	41.20	25.25	28.10	16.00	13.00	8.60	11.00	20.00
13	35.35	31.30	40.00	42.80	41.15	25.50	28.85	15.50	13.25	8.80	11.40	21.90
14	35.60	30.30	40.25	42.80	41.10	25.75	29.85	15.00	13.85	8.95	11.60	24.00
15	35.80	29.30	40.65	42.80	41.00	26.00	31.00	14.50	14.10	9.05	11.80	25.80
16	36.05	28.30	40.90	43.50	40.95	26.25	31.75	14.00	14.25	9.00	12.00	27.30
17	36.30	27.60	41.00	43.20	40.90	26.50	32.25	13.60	14.40	8.90	12.70	28.60
18	36.55	27.40	41.05	43.20	40.75	26.40	32.50	13.30	14.45	8.80	13.70	29.60
19	36.75	28.00	41.40	43.20	40.50	26.10	32.75	13.00	14.50	8.70	15.00	30.20
20	36.90	29.00	41.60	43.20	40.25	25.30	32.75	12.80	14.50	8.40	16.00	30.50
21	37.10	30.25	41.70	43.10	39.80	24.40	32.75	12.50	14.45	8.00	16.50	30.60
22	37.30	31.60	41.75	43.10	39.35	24.00	32.75	12.30	14.15	7.70	16.90	30.30
23	37.50	32.80	41.80	43.00	38.60	23.70	32.65	12.10	13.90	7.50	17.10	29.70
24	37.60	33.80	41.85	42.98	37.50	23.10	32.15	11.90	13.50	7.50	17.10	28.90
25	37.80	34.80	41.95	42.90	36.40	22.70	31.60	11.60	12.60	7.50	17.10	28.00
26	38.00	35.40	42.00	42.80	34.90	22.30	31.00	11.30	12.00	7.50	17.00	26.90
27	38.10	36.00	42.10	42.65	33.40	22.20	30.00	11.00	11.50	7.40	16.60	25.70
28	38.15	36.50	42.15	42.55	32.20	22.10	28.50	10.60	11.00	7.30	17.00	24.50
29	38.30	36.85	42.20	42.50	31.00	22.40	27.50	10.20	10.60	7.40	17.50	23.20
30	38.35		42.25	42.50	30.00	22.60	26.75	9.90	10.30	7.80	17.40	22.20
31	38.40		42.30		29.00		25.75	9.60		8.00		21.20

Mississippi River.—Natchez, Miss., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	20.20	29.00	39.35	40.55	40.20	39.65	32.00	19.60	7.10	7.15	21.50	32.30
2	19.30	30.00	39.50	40.60	40.20	39.60	32.00	19.60	7.00	7.30	22.00	32.50
3	18.70	30.70	39.65	40.65	40.20	39.40	31.90	19.40	6.90	7.60	22.30	32.60
4	18.20	31.30	39.80	40.65	40.25	39.20	31.65	19.10	6.60	8.00	22.50	32.80
5	17.70	31.70	39.90	40.65	40.30	39.00	31.35	18.70	6.40	8.40	22.60	33.00
6	17.00	32.00	40.00	40.65	40.35	38.50	31.00	18.10	6.20	8.70	22.60	33.05
7	16.00	32.70	40.10	40.65	40.40	38.10	30.60	17.50	6.00	8.90	22.60	33.07
8	15.00	32.40	40.20	40.70	40.45	37.60	30.20	16.80	5.80	9.00	22.40	33.00
9	13.80	32.40	40.30	40.70	40.55	36.90	29.80	16.10	5.50	9.40	22.40	32.70
10	12.80	32.00	40.35	40.65	40.55	36.00	29.40	15.40	5.30	10.10	22.40	32.40
11	11.80	31.80	40.40	40.60	40.55	35.00	29.10	14.80	5.10	11.20	22.40	32.40
12	11.00	31.20	40.50	40.55	40.50	34.00	28.80	14.20	5.00	12.50	23.00	32.00
13	10.20	30.70	40.60	40.60	40.50	33.20	28.40	13.70	4.90	13.90	23.50	31.40
14	9.50	30.20	40.55	40.50	40.50	32.40	28.00	13.20	4.80	15.00	23.80	30.70
15	9.00	29.90	40.50	40.45	40.40	31.50	27.75	13.00	4.80	16.00	24.10	29.70
16	8.70	30.10	40.80	40.35	40.35	30.70	27.35	12.80	5.00	16.70	24.30	28.70
17	8.50	31.00	40.65	40.20	40.30	30.00	26.60	12.50	4.90	17.20	24.50	27.50
18	8.50	32.50	40.50	40.10	40.30	29.50	25.80	12.10	4.85	17.60	24.80	26.40
19	8.90	34.00	40.80	40.10	40.30	29.00	24.70	11.60	4.80	17.90	25.00	25.40
20	10.00	35.30	40.65	40.05	40.30	28.70	23.55	11.00	4.75	18.00	25.60	24.30
21	12.00	36.20	40.50	40.00	40.30	28.20	22.50	10.50	4.70	18.10	26.20	23.30
22	13.50	36.80	40.30	40.00	40.30	28.00	21.40	10.00	4.70	18.20	27.20	22.70
23	14.90	37.20	40.10	40.00	40.30	28.00	20.60	9.50	4.85	18.40	28.00	22.50
24	16.10	37.60	40.00	40.10	40.25	28.50	20.20	9.00	5.00	18.30	28.60	22.50
25	17.70	38.20	40.00	40.15	40.20	29.25	19.70	8.50	5.25	18.20	29.40	23.00
26	19.20	38.60	40.00	40.15	40.15	29.75	19.60	8.30	5.75	18.20	30.00	24.00
27	20.90	38.90	40.10	40.20	40.10	30.50	19.60	8.00	6.25	18.20	30.50	25.50
28	22.70	39.10	40.20	40.20	40.05	31.00	19.60	7.85	6.50	18.50	31.00	27.00
29	24.70		40.30	40.20	40.00	31.50	19.60	7.60	6.75	19.80	31.60	28.00
30	26.30		40.40	40.20	39.90	31.70	19.60	7.40	7.00	20.30	32.00	29.30
31	27.70		40.50		39.75		19.60	7.20		20.80		30.60

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	31.70	42.30	44.30	47.50	43.40	41.00	41.15	37.70	18.90	15.10	10.30	14.70
2	32.70	42.30	44.40	47.40	43.30	41.00	41.10	37.10	18.30	14.70	10.20	14.80
3	33.30	42.40	44.50	47.20	43.20	41.05	41.05	36.25	17.70	14.00	10.10	14.70
4	34.00	42.80	44.55	47.00	43.00	41.10	41.02	35.25	17.10	13.40	9.90	14.60
5	34.50	42.85	44.60	46.90	42.80	41.10	40.97	34.00	16.60	12.80	9.80	14.50
6	35.00	42.87	44.70	46.80	42.70	41.10	40.90	32.60	16.10	12.10	9.70	14.40
7	35.30	42.90	44.80	46.70	42.50	41.10	40.85	31.40	15.70	11.60	9.70	14.30
8	36.00	42.95	44.90	46.50	42.70	41.10	40.80	30.20	15.50	11.10	9.70	14.00
9	36.30	43.00	45.30	46.30	42.60	41.10	40.75	29.00	15.10	10.70	9.70	13.80
10	36.50	43.00	45.45	46.10	42.50	41.10	40.70	28.00	15.00	10.40	9.80	13.60
11	36.90	43.00	45.60	45.90	42.40	41.10	40.70	27.00	14.90	10.20	9.90	13.40
12	37.00	43.05	45.80	45.80	42.30	41.10	40.65	26.40	14.85	10.20	10.00	13.30
13	37.10	43.10	46.00	45.70	42.20	41.25	40.65	26.00	14.80	10.20	10.10	13.30
14	37.50	43.15	46.20	45.60	42.10	41.30	40.60	25.80	14.80	10.20	10.30	13.20
15	37.70	43.25	46.30	45.40	42.00	41.30	40.55	25.75	14.80	10.20	10.40	13.00
16	38.00	43.30	46.50	45.20	41.70	41.30	40.50	25.70	14.80	10.10	10.60	12.80
17	38.10	43.35	46.70	45.00	41.60	41.30	40.45	25.50	14.80	10.05	10.80	12.60
18	38.30	43.45	46.80	44.80	41.50	41.30	40.40	25.35	14.80	10.00	11.10	12.40
19	38.70	43.50	46.90	44.70	41.50	41.30	40.35	25.15	14.60	10.00	11.40	12.20
20	38.80	43.55	46.95	44.60	41.50	41.30	40.30	24.75	14.40	10.00	11.70	12.00
21	39.20	43.60	47.05	44.50	41.50	41.30	40.25	24.20	14.10	10.00	12.30	11.80
22	39.60	43.65	47.07	44.40	41.45	41.30	40.20	23.70	13.80	10.10	12.90	11.60
23	40.00	43.70	47.10	44.45	41.40	41.30	40.15	23.20	13.50	10.20	13.10	11.50
24	40.10	43.75	47.20	44.30	41.30	41.30	40.10	22.60	13.60	10.30	13.20	11.30
25	40.50	43.85	47.35	44.15	41.25	41.30	40.00	22.10	13.90	10.50	13.31	11.10
26	40.80	43.90	47.50	44.00	41.20	41.30	39.75	21.80	14.40	10.60	13.50	11.00
27	41.10	44.00	47.65	43.90	41.15	41.27	39.50	21.50	15.00	10.70	13.70	10.80
28	41.50	44.20	47.75	43.80	41.10	41.23	39.25	21.00	15.30	10.70	14.00	10.60
29	41.90		47.75	43.70	41.05	41.20	39.00	20.50	15.50	10.60	14.20	10.70
30	42.00		47.70	43.50	41.00	41.15	38.75	20.00	15.40	10.50	14.50	11.30
31	42.15		47.60		41.00		38.25	19.50		10.40		12.00

Mississippi River.—Natchez, Miss., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	12.60	23.10	40.30	43.40	42.35	39.45	39.40	33.00	15.50	5.30	12.80	23.50
2	13.40	24.80	40.50	43.50	42.30	39.45	39.40	32.20	15.00	5.25	12.70	24.30
3	14.10	26.20	40.60	43.60	42.20	39.45	39.40	31.20	14.50	5.20	12.40	25.30
4	15.00	27.50	40.80	43.65	42.15	39.50	39.40	30.20	14.20	5.10	12.00	26.50
5	16.00	28.70	41.10	43.80	42.10	39.50	39.40	29.20	13.70	5.00	12.10	27.50
6	18.00	29.60	41.30	43.80	42.05	39.50	39.40	28.00	13.20	4.90	12.30	28.25
7	18.80	30.20	41.50	44.00	42.00	39.50	39.40	27.00	12.60	4.95	12.80	28.75
8	19.40	30.60	41.65	44.00	42.00	39.50	39.40	26.00	12.20	5.00	13.50	29.10
9	19.40	31.00	41.65	44.00	42.00	39.50	39.40	25.20	11.70	5.10	14.80	29.20
10	19.10	31.25	41.70	43.90	41.95	39.55	39.40	24.60	11.20	5.15	16.00	29.30
11	19.00	31.50	41.80	43.85	41.90	39.60	39.40	24.50	10.70	5.20	18.50	29.35
12	18.90	31.85	41.90	43.70	41.90	39.60	39.40	24.40	10 30	5.30	19.50	29.40
13	18.90	32.30	41.95	43.60	41.90	39.60	39.35	24.40	10.00	5.40	20.00	29.40
14	19.80	33.00	42.00	43.55	41.90	39.50	39.30	24.30	9.70	5.60	20.10	29.40
15	19.70	33.70	42.05	43.50	41.85	39.30	39.25	24.10	9.40	5.80	20.15	29.30
16	19.50	34.00	42.10	43.40	41.80	39.30	39.20	23.90	9.20	6.10	20.20	28.70
17	19.30	35.00	42.15	43.35	41.70	39.30	39.00	23.70	9.00	6.30	20.35	28.10
18	19.00	35.60	42.20	43.25	41.60	39.30	38.70	23.40	8.60	6.60	20.70	27.20
19	18.70	36.30	42.25	43.15	41.50	39.30	38.30	23.10	8.30	7.00	21.20	26.30
20	18.60	36.90	42.30	43.05	41.40	39.30	37.70	22.70	8.00	7.75	21.50	25.20
21	18.50	37.40	42.35	43.00	41.20	39.30	37.20	22.20	7.70	8.60	21.80	24.20
22	18.45	37.90	42.40	42.95	40.90	39.35	36.50	21.50	7.40	9.10	22.50	23.40
23	18.40	38.40	42.45	42.90	40.50	39.40	35.90	20.80	7.00	9.60	23.40	22.60
24	18.35	39.30	42.50	42.85	40.10	39.40	35.40	20.20	6.70	10.00	23.50	22.00
25	18.30	39.60	42.65	42.75	39.70	39.40	35.10	19.50	6.40	10.30	23.40	21.60
26	18.35	40.00	42.75	42.60	39.50	39.40	35.00	19.00	6.20	10.60	23.60	20.70
27	18.50	40.10	42.85	42.55	39.40	39.40	35.00	18.50	6.00	11.10	23.00	20.20
28	19.20	40.20	43.00	42.50	39.30	39.40	34.90	17.80	5.80	11.60	22.70	19.80
29	19.80		43.10	42.45	39.30	39.40	34.50	17.20	5.60	12.10	22.70	19.50
30	20.60		43.15	42.40	39.30	39.40	34.00	16.60	5.40	12.50	23.00	20.50
31	21.80		43.25		39.40		33.50	16.00		12.70		21.50

Mississippi River.—Natchez, Miss., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	23.00	33.00	43.55	47.00	44.40	43.90	33.30	21.50	11.40	7.70	15.20	7.90
2	24.80	32.60	43.65	46.90	44.65	43.60	32.80	20.50	11.20	7.70	15.10	8.00
3	27.00	32.45	43.75	46.70	44.65	43.30	32.30	19.80	11.00	7.80	15.10	8.40
4	29.00	32.25	43.85	46.60	44.70	42.90	31.80	19.30	10.90	8.10	15.20	8.90
5	31.00	32.00	43.95	46.50	44.70	42.40	31.40	19.00	10.70	8.80	15.20	9.50
6	32.30	31.80	44.05	46.45	45.00	41.90	31.00	18.90	10.60	10.00	15.15	10.40
7	33.00	31.60	44.10	46.30	44.90	41.30	30.40	19.00	10.65	11.50	15.05	10.70
8	34.00	31.80	44.60	46.15	44.90	40.60	30.00	19.20	10.85	13.10	15.00	10.90
9	34.70	32.40	44.60	45.90	44.85	40.00	29.70	19.60	11.20	14.60	14.80	10.70
10	35.10	33.60	44.65	45.75	44.85	39.40	29.40	19.90	11.40	15.80	14.50	10.30
11	35.40	34.80	44.75	45.55	44.90	38.75	29.00	20.00	11.65	16.70	14.20	9.80
12	35.70	36.00	45.10	45.45	44.95	38.20	28.60	20.00	11.85	17.50	13.80	9.40
13	35.70	37.40	45.10	45.35	45.00	37.70	28.50	19.90	11.90	18.20	13.30	8.70
14	35.70	38.30	45.15	45.25	45.05	37.30	28.40	19.80	11.75	18.50	12.80	8.20
15	35.70	39.00	45.25	45.25	45.10	37.00	28.10	19.60	11.40	18.50	12.30	8.50
16	35.50	39.75	45.28	45.10	45.10	36.70	27.80	19.30	11.00	18.30	11.70	7.80
17	35.30	40.40	45.30	45.00	45.10	36.50	27.60	18.80	10.40	17.90	11.20	7.80
18	35.10	40.80	45.80	44.95	45.15	36.30	27.40	18.30	9.90	17.40	10.70	8.70
19	34.80	41.20	46.10	44.90	45.15	36.15	27.20	17.70	9.30	17.00	10.20	10.00
20	34.30	41.50	46.45	44.90	45.10	36.05	27.00	17.20	9.00	16.80	9.90	11.50
21	33.60	41.90	46.85	44.85	45.10	35.95	26.70	16.60	8.60	16.75	9.50	13.50
22	33.00	42.20	46.95	44.80	45.05	35.80	26.20	15.90	8.40	16.80	9.10	14.80
23	32.50	42.35	47.25	44.70	45.15	35.60	25.70	15.20	8.20	16.80	8.90	15.70
24	32.60	42.65	47.40	44.65	45.10	35.40	25.35	14.60	8.10	16.80	8.80	16.30
25	32.70	42.80	47.40	44.60	45.05	35.20	25.15	14.00	8.00	16.75	8.60	16.60
26	32.50	42.95	47.40	44.60	45.00	35.00	25.00	13.40	8.00	16.65	8.40	16.70
27	32.65	43.10	47.30	44.50	44.90	34.75	24.80	12.80	8.00	16.50	8.30	16.70
28	32.75	43.25	47.25	44.45	44.75	34.40	24.50	12.30	7.95	16.25	8.20	16.50
29	32.85	43.40	47.20	44.50	44.55	34.00	24.00	12.00	7.90	15.95	8.10	16.50
30	32.95		47.15	44.45	44.35	33.70	23.30	11.80	7.80	15.65	8.00	17.20
31	33.00		47.10		44.20		22.30	11.60		15.40		17.80

Mississippi River.—St. Joseph, La., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	38.00	38.70	38.50	37.40	.....	.....	.....	.....	.....	.....
2	.....	.....	38.10	38.70	38.55	37.20	.....	.....	.....	.....	.....	.....
3	.....	.....	38.20	38.70	38.60	36.90	.....	.....	.....	.....	.....	.....
4	.....	.....	38.40	38.70	38.70	36.40	.....	.....	.....	.....	.....	.....
5	.....	.....	38.50	38.75	38.70	36.10	.....	.....	.....	.....	.....	.....
6	.....	.....	38.60	38.70	38.75	35.60	.....	.....	.....	.....	.....	.....
7	.....	.....	38.80	38.70	38.75	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	38.90	38.80	38.80	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	38.95	38.80	39.00	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	39.00	38.70	39.00	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	39.00	38.60	39.00	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	39.10	38.60	38.90	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	39.20	38.60	38.90	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	39.10	38.60	38.80	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	39.00	38.50	38.80	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	39.00	38.40	38.80	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	38.90	38.40	38.70	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	38.95	38.30	38.65	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	39.00	38.20	38.65	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	39.00	38.30	38.60	.....	.....	.....	.....	.....	.....	.....
21	.....	.....	38.80	38.30	38.60	.....	.....	.....	.....	.....	.....	.....
22	.....	35.20	38.50	38.20	38.55	.....	.....	.....	.....	.....	.....	.....
23	.....	35.70	38.30	38.30	38.50	.....	.....	.....	.....	.....	.....	.....
24	.....	36.30	38.20	38.40	38.50	.....	.....	.....	.....	.....	.....	.....
25	.....	36.70	38.10	38.40	38.40	.....	.....	.....	.....	.....	.....	.....
26	.....	37.10	38.10	38.45	38.25	.....	.....	.....	.....	.....	.....	.....
27	.....	37.40	38.30	38.50	38.10	.....	.....	.....	.....	.....	.....	.....
28	.....	37.70	38.40	38.50	38.00	.....	.....	.....	.....	.....	.....	.....
29	.....		38.50	38.50	37.80	.....	.....	.....	.....	.....	.....	.....
30	.....		38.60	38.55	37.70	.....	.....	.....	.....	.....	.....	.....
31	.....		38.70		37.50	.....	.....	.....	.....	.....	.....	.....

Mississippi River.—St. Joseph, La., 18[illegible]2

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	30.60	40.40?	42.30?	44.05	40.75	38.90	38.70	34.45	15.20	12.45	8.40	12.00
2	31.80	40.40?	42.30?	43.85	40.60	38.90	38.70	33.70	14.70	12.20	8.30	12.00
3	32.40	40.75?	42.30?	43.80	40.50	38.90	38.70	32.55	14.25	12.25	8.20	11.85
4	33.00	41.00?	42.20?	43.65	40.25	38.80	38.70	31.25	13.80	11.55	8.15	11.65
5	33.50	41.10?	42.10?	43.55	40.10	38.80	38.60	29.80	13.30	10.85	8.10	11.45
6	33.90	41.10?	42.10?	43.40	40.00	38.80	38.50	28.40	12.90	10.25	8.10	11.30
7	34.30	41.10?	42.15?	43.30	39.95	38.80	38.40	27.05	12.55	9.60	8.10	11.20
8	34.80	41.15?	42.35?	43.20	40.10	38.90	38.40	25.80	12.35	9.20	8.10	11.05
9	35.00	41.32?	42.80?	43.05	39.95	38.90	38.40	24.55	12.20	8.85	8.10	10.85
10	35.10	41.36?	42.95?	43.00	39.80	39.00	38.30	23.65	12.05	8.65	8.10	10.75
11	35.40	41.40?	43.15?	42.90	39.80	39.00	38.25	22.85	11.90	8.60	8.10	10.65
12	35.60	41.30?	43.35?	42.65	39.70	39.00	38.20	22.45	11.80	8.60	8.15	10.55
13	35.70	41.40?	43.55?	42.65	39.60	39.00	38.20	22.20	11.90	8.70	8.30	10.50
14	36.00	41.40?	43.75?	42.50	39.50	39.00	38.10	22.25	12.00	8.65	8.45	10.45
15	36.20	41.50?	43.95?	42.35	39.50	39.00	38.00	22.15	12.10	8.45	8.65	10.35
16	36.30	41.50?	44.35?	42.20	39.50	39.00	37.90	22.15	12.20	8.30	8.90	10.10
17	36.50	41.60?	44.55	42.10	39.40	39.00	37.90	22.00	12.05	8.30	9.30	10.00
18	36.70	41.70?	44.70	42.00	39.40	39.00	37.90	21.95	11.90	8.20	9.70?	9.90
19	37.00	41.70?	44.80	42.00	39.30	39.05	37.90	21.65	11.80	8.30	9.70?	9.80
20	37.20	41.85?	44.90	42.00	39.20	39.10	37.80	21.35	11.50	8.30	10.20?	9.80
21	37.70	41.90?	44.85	41.85	39.25	39.10	37.80	20.85	11.25	8.20	10.45?	9.50
22	38.00	41.90?	44.60	41.85	39.30	39.10	37.70	20.35	11.05	8.25	10.65?	9.05
23	38.30	41.90?	44.45	41.85	39.25	39.10	37.65	19.90	10.95	8.25	10.90?	8.70
24	38.60	41.90?	44.40	41.70	39.20	39.00	37.45	19.50	11.25	8.45	11.15?	8.30
25	38.90	42.00?	44.40	41.55	39.10	39.00	37.25	18.90	11.85	8.65	11.30?	8.05
26	39.20	42.10?	44.45	41.40	39.10	38.90	37.05	18.45	12.50	8.80	11.40?	7.85
27	39.60	42.10?	44.50	41.20	39.00	38.90	36.70	18.05	13.00	8.80	11.45?	7.95
28	39.80	42.25?	44.50	41.10	39.00	38.90	36.40	17.35	13.20	8.70	11.65?	8.35
29	40.00		44.40	41.05	39.00	38.80	36.15	16.85	13.05	8.60	11.75?	8.90
30	40.30		44.30	40.90	38.90	38.80	36.15	16.25	12.85	8.50	11.90?	9.60
31	40.40		44.15		38.90		35.55	15.75		8.50		10.40

Mississippi River.—St. Joseph, La., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	39.00	41.30	40.30	35.95	37.30	29.55	13.20	4.82	10.92	21.70
2	.....	.....	39.05	41.40	40.20	36.10	37.20	28.85	12.82	4.75	10.82	22.90
3	.....	.....	39.25	41.50	40.25	36.20	37.20	28.05	12.45	4.68	10.75	23.99
4	.....	.....	39.30	41.50	40.10	36.30	37.20	26.60	12.02	4.55	10.70	24.92
5	.....	26.90	39.45	41.60	40.05	36.30	37.20	25.90	11.50	4.40	10.85	25.75
6	.....	27.75	39.55	41.65	40.00	36.40	37.20	25.00	11.00	4.32	11.20	26.32
7	.....	28.30	39.75	41.90	39.90	36.50	37.20	24.10	10.62	4.25	11.88	26.88
8	.....	28.60	39.95	41.75	39.85	36.60	37.20	23.20	10.20	4.20	12.68	27.08
9	.....	28.75	40.15	41.60	39.80	36.70	37.20	22.50	9.55	4.20	13.69	27.12
10	.....	29.05	40.35	41.60	39.80	36.80	37.30	22.00	9.02	4.25	15.20	27.15
11	.....	29.40	40.50	41.50	39.80	36.85	37.25	22.00	8.62	4.30	17.26	26.95
12	.....	29.85	40.60	41.40	39.75	36.90	37.15	21.95	8.20	4.38	17.98	26.94
13	.....	30.45	40.60	41.40	39.70	36.90	37.00	21.90	7.82	4.48	18.06	27.15
14	.....	31.05	40.60	41.30	39.60	36.80	36.90	21.90	7.60	4.60	18.12	26.85
15	.....	31.80	40.60	41.30	39.50	36.80	36.80	21.80	7.55	4.78	18.16	26.62
16	.....	32.75	40.60	41.30	39.40	36.80	36.60	21.65	7.55	4.92	18.26	26.18
17	.....	33.50	40.60	41.25	39.25	36.80	36.30	21.30	7.50	5.02	18.54	25.40
18	.....	34.30	40.60	41.20	39.05	36.90	35.90	20.85	7.12	5.22	19.02	24.55
19	.....	35.10	40.60	41.10	38.85	36.90	35.50	20.50	6.60	5.70	19.30	23.45
20	.....	35.75	40.55	41.10	38.55	36.90	34.80	20.10	6.20	6.45	19.62	22.50
21	.....	36.45	40.50	41.00	38.20	37.00	33.95	19.45	5.95	7.02	19.94	21.40
22	.....	37.10	40.50	40.90	37.65	37.10	33.40	18.75	5.70	7.40	20.82	20.45
23	.....	37.55	40.45	41.00	37.15	37.20	32.85	18.15	5.58	7.75	21.46	19.60
24	.....	38.10	40.50	41.00	36.80	37.30	32.40	17.60	5.52	8.10	21.06	18.90
25	.....	38.30	40.50	40.85	36.30	37.30	32.15	17.10	5.38	8.50	21.00	18.38
26	.....	38.45	40.50	40.70	35.90	37.30	32.00	16.55	5.22	8.95	20.80	17.90
27	.....	38.65	40.40	40.70	35.65	37.30	31.80	15.95	5.08	9.45	20.35	17.51
28	.....	38.85	40.50	40.60	35.35	37.30	31.50	15.24	4.98	10.02	20.28	17.24
29	.....		40.65	40.55	35.20	37.30	31.00	14.76	4.92	10.42	20.45	17.04
30	.....		40.90	40.40	35.50	37.30	30.65	14.22	4.88	10.68	20.89	17.90
31	.....		41.20		35.75		30.10	13.70		10.92		19.25

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	20.95	29.98	41.81	44.04	41.80	38.78	27.92	16.78	9.15	.....	11.32	4.54
2	23.20	29.85	41.88	43.84	42.08	38.28	27.58	16.18	8.95	.....	11.32	4.75
3	25.65	29.65	41.95	43.70	42.11	37.64	27.18	15.70	8.78	.....	11.40	5.18
4	27.58	29.30	42.07	43.54	42.10	37.10	26.76	15.45	8.85	.....	11.48	5.76
5	29.05	29.10	42.10	43.42	42.12	36.38	26.26	15.42	9.06	.....	11.48	6.42
6	30.50	28.88	42.15	43.39	42.28	35.53	25.89	15.55	9.22	.....	11.38	7.02
7	31.45	28.92	42.28	43.24	42.24	34.83	25.54	15.82	9.36	.....	11.24	7.20
8	32.28	29.55	42.53	43.05	42.20	34.13	25.08	16.08	9.56	.....	11.11	7.10
9	32.80?	30.50	42.65	42.86	42.20	33.43	24.68	16.35	9.82	.....	10.92	6.78
10	33.05?	32.15	42.65	42.70	42.16	32.73	24.40	16.56	10.10	.....	10.60	6.28
11	33.16?	33.70	42.78	42.56	42.08	32.03	24.14	16.60	10.36	.....	10.20	5.72
12	33.30?	34.70	42.90	42.49	41.94	31.63	23.85	16.60	10.46	.....	9.82	5.18
13	33.18?	36.08	42.95	42.39	41.76	31.20	23.50	16.48	10.36	.....	9.28	4.52
14	33.02?	36.85	43.00	42.35	41.68	30.95	23.28	16.28	10.08	15.02	8.81	4.40
15	32.80?	37.63	43.00	42.35	41.49	30.74	23.06	16.00	9.72	14.83	8.21	4.18
16	32.32?	38.23	43.00	42.28	41.35	30.60	22.85	15.60	9.15	14.45	7.70	3.95
17	31.80?	38.85	43.00	42.20	41.30	30.48	22.65	15.15	8.55	14.02	7.25	4.25
18	31.72?	39.29	43.48	42.10	41.24	30.38	22.51	14.60	8.02	13.58	6.80	5.95
19	31.30?	39.70	43.90	42.20	41.04	30.25	22.40	14.02	7.62	13.30	6.38	7.45
20	30.54?	40.03	44.26	42.12	40.95	30.21	22.12	13.40	7.30	13.20	5.95	9.05
21	29.86?	40.26	44.35	42.10	40.88	30.14	21.80	12.82	7.02	13.24	5.58	10.60
22	29.16?	40.48	44.50	42.02	40.77	30.02	21.35	12.28	6.86	13.28	5.35	11.74
23	28.78?	40.78	44.80	41.96	40.75	29.92	21.02	11.72	6.75	13.25	5.22	12.48?
24	29.00?	41.00	44.89	41.95	40.76	29.82	20.78	11.22	6.58	13.20	5.05	11.94?
25	28.98?	41.05	44.86	41.90	40.68	29.72	20.68	10.72	6.50	13.10	4.90	12.11?
26	28.98?	41.23	44.80	41.89	40.52	29.60	20.55	10.32	6.50	12.92	4.85	12.18?
27	29.10?	41.41	44.63	41.84	40.32	29.38	20.35	10.08	6.48	12.72	4.68	11.88?
28	29.36?	41.57	44.50	41.80	40.14	29.05	19.85	9.85	6.38	12.39	4.60	11.40?
29	29.42?	41.74	44.40	41.80	39.84	28.65	19.22	9.69	....	11.97	4.52	11.90?
30	29.48?		44.30	41.80	39.42	28.30	18.38	9.56	....	11.70	4.48	12.44?
31	29.81?		44.14		39.15		17.48	9.38		11.44		13.03?

Mississippi River.—Vicksburg, Miss., 1871.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.75
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.37
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.72
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.14
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.58
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.08
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.58
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.28
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.14
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.28
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.28
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.28
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.14
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.20
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.16
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.05
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.83
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.67
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.42
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.21
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.13
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.38

Mississippi River.—Vicksburg, Miss., 1872.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November	December.
1	— 0.50		12.05	19.85	39.40	32.80	27.15	24 70	10.75	5.71	2.71	4.11
2	— 0.50		13.20	19.70	39.50	32.75	26.25	24.95	10.50	5.61	2.61	3.61
3	— 0.25	6.84	14.10	19.65	39.50	32.70	25.00	25.10	10.35	5.41	2.41	3.31
4	0.25	6.20	14.75	19.65	39.30	32.70	24.20	25.15	10.30	5.41	2.26	2.96
5	0.75	5.40	15.25	19.30	39.10	32.60	23.30	25.15	10.25	5.51	2.21	2.61
6	1.70	4.65	15.60	19.65	38.80	32.50	22.50	25.00	10.15	5.61	2.11	2.31
7	2.85	3.76	15.70	20.00	38.40	32.30	21.70	24.80	10.00	5.86	2.01	2.01
8	3.75	2.86	15.75	20.50	37.70	32.00	20.90	24.55	9.70	5.96	2.01	1.61
9	4.60	2.24	15.75	21.50	36.80	31.70	20.00	23.95	9:40	5.96	1.91	1.46
10	5.35	1.97	15.60	22.70	35.80	31.50	19.65	23.30	9.10	5.91	1.81	1.31
11	6.50	2.05	15.45	24.00	34.60	31.20	19.30	22.60	9.31	5.76	1.81	1.11
12	8.10	2.30	15.18	25.25	33.10	30.80	19.00	21.70	9.01	5.61	1.81	0.81
13	9.70	2.52	14.98	26.70	31.70	30.60	18.95	20.70	8.71	5.26	1.81	0.61
14	11.00	2.78	14.75	28.20		30.40	18.95	19.80	8.51	5.11	2.11	0.41
15	11.90	2.98	14.55	30.00		30.40	18.90	18.80	8.36	4.91	2.71	0.41
16	12.60	3.25	14.40	32.10	27.00	30.50	18.80	17.80	8.11	4.76	3.61	0.41
17	12.98	3.65	14.50	33.85	25.60	30.70	18.60	16.90	7.91	4.61	4.21	0.61
18	13.30	4.20	14.65	35.20	25.20	31.00	18.45	15.50	7.51	4.41	4.71	0.81
19	13.60	4.80	14.80	36.00	25.00	31.30	18.20	14.70	7.21	4.26	4.86	1.11
20	13.64	5.40	15.00	36.80	25.00	31.50	17.90	13.70	7.21	4.11	4.81	1.51
21	13.50	5.95	15.40	37.40	25.30	31.55	17.70	13.00	6.91	3.91	4.51	1.81
22	13.00	6.45	15.85	37.85	26.50	31.45	17.70	12.45	6.71	3.81	4.36	1.66
23	12.60	6.85	16.68	38.20	27.50	31.30	18.00	12.00	6.61	3.66	4.21	1.46
24	11.98	7.30	17.20	38.40	28.90	31.00	19.00	11.60	6.41	3.61	4.16	0.40
25	11.34	7.65	17.90	38.65	30.00	30.60	20.60	11.40	6.21	3.51	4.26	0.30
26	10.94	8.15	18.58	38.85	30.65	30.20	22.10	11.30	6.01	3.41	4.56	0.30
27	10.60	8.80	19.00	39.00	31.20	29.60	23.10	11.30	6.21	3.21	4.76	0.00
28	10.40	9.80	19.35	39.15	31.65	28.90	23.90	11.40	6.21	3.06	4.81	0.50
29	10.10	10.95	19.50	39.30	32.10	28.35	24.10	11.40	6.21	3.01	4.61	— 1.10
30	9.50		19.70	39.34	32.50	27.85	24.30	11.30	5.86	2.91	4.31	— 1.30
31			19.95		32.70		24.50	11.00		2.86		— 0.10

Mississippi River.—Vicksburg, Miss., 1873.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	2.35	18.30	37.80	29.80	39.95	40.35	32.50	23.00	9.15	4.30	3.60	8.25
2	5.30	19.30	38.10	30.15	39.95	40.10	31.90	22.50	8.90	4.15	3.50	9.00
3	8.00	20.00	38.40	30.60	39.90	40.00	31.40	21.90	8.65	3.95	3.25	10.60
4	9.85	20.65	38.60	31.20	39.80	39.90	30.85	21.40	8.50	3.90	3.10	11.70
5	10.80	21.20	38.80	31.80	39.65	39.75	30.35	21.00	8.40	4.20	3.00	12.30
6	10.80	21.15	38.95	32.45	39.60	39.70	30.05	20.60	8.40	.....	3.15	13.00
7	10.30	20.75	39.10	32.90	39.60	39.70	29.80	20.10	8.40	5.40	3.70	13.80
8	9.55	20.00	39.40	33.50	39.45	39.60	29.60	19.70	8.30	5.50	4.90	15.00
9	8.80	19.20	39.50	34.40	39.35	39.50	29.40	19.15	8.15	5.30	6.50	16.80
10	8.20	18.30	39.55	35.00	39.30	39.35	29.20	18.65	8.05	5.10	7.90	18.30
11	8.00	17.40	39.70	35.50	39.30	39.15	29.00	18.00	7.90	4.80	8.80	19.60
12	8.05	16.60	39.70	36.00	39.15	39.00	28.90	17.35	7.75	4.50	9.80	21.00
13	8.70	16.00	39.70	36.60	39.15	38.70	29.00	16.70	7.70	4.20	10.30	22.80
14	10.00	15.75	39.60	37.15	39.15	38.25	29.10	16.15	7.60	3.90	10.55	24.70
15	11.10	16.20	39.40	37.65	39.25	37.85	29.30	15.50	7.60	3.70	10.55	26.40
16	12.90	18.00	39.00	38.10	39.30	37.40	29.80	14.90	7.55	3.60	10.30	28.00
17	14.30	20.70	38.50	38.40	39.30	37.00	30.30	14.40	7.45	3.50	9.90	29.40
18	15.60	23.90	37.80	38.70	39.35	36.50	30.60	13.90	7.35	3.40	9.50	30.30
19	16.75	26.60	36.80	38.90	39.45	36.10	30.90	13.45	7.15	3.25	8.90	31.30
20	17.35	29.00	35.80	39.15	39.50	35.70	31.10	13.00	6.90	3.10	8.25	32.30
21	17.65	31.40	34.40	39.30	39.70	35.30	31.25	12.70	6.65	2.95	7.60	33.00
22	17.55	33.00	33.30	39.40	39.80	34.95	31.15	12.40	6.40	2.80	7.00	33.70
23	17.40	34.40	32.20	39.50	39.95	34.70	30.85	12.15	6.10	2.70	.....	34.40
24	17.20	35.10	31.10	39.60	40.00	34.45	30.40	11.80	5 85	2.70	6.70	34.80
25	17.10	36.00	30.50	39.70	40.10	34.20	29.70	11.50	5.60	2.80	6.30	35.10
26	17.25	36.70	30.00	39.72	40.30	34 00	28.85	11.10	5.30	2.95	6.25	35.25
27	17.45	37.00	29.75	39.75	40.45	33.80	28.00	10.90	5.00	3.20	6.50	35.40
28	17.60	37.40	29.55	39.80	40.50	33.70	.....	10.50	4.70	3.40	6.90	35.50
29	17.60		29.55	39.82	40.60	33.45	.....	10.10	4.50	3.50	7.30	35.50
30	17.90		29.60	39.90	40.60	33.05	24.70	9.75	4.40	3.60	7.80	35.50
31	18.45		29.70		40.50		23.70	9.40		3.70		35.30

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	34.90	30.90	36.60	43.10	45.65	42.75	22.00	12.00	6.80	6.10	5.40	6.42
2	34.40	31.50	37.30	43.10	45.70	42.30	21.60	12.00	6.60	6.70	5.25	6.70
3	33.60	32.50	37.90	43.10	45.70	41.70	21.00	12.00	6.40	7.25	5.10	7.20
4	32.40	33.20	38.40	43.10	45.70	41.00	20.20	11.95	6.40	7.80	4.95	7.90
5	31.20	34.00	38.80	43.10	45.70	40.20	19.40	11.85	6.30	8.20	4.90	8.80
6	29.60	34.50	39.10	43.10	45.55	39.20	18.60	11.75	6.25	8.50	4.80	9.60
7	28.00	35.00	39.50	43.40	45.50	38.20	17.90	11.65	6.25	8.80	4.65	10.10
8	26.30	35.40	39.80	43.70	45.45	36.90	17.40	11.60	6.60	9.00	4.50	10.60
9	24.50	35.60	40.00	43.75	45.35	35.60	16.90	11.70	7.40	9.00	4.28	10.60
10	22.50	35.80	40.20	43.80	45.30	34.00	16.40	11.85	8.80	8.90	4.00	10.60
11	21.00	35.80	40.50	43.80	45.25	32.40	16.00	12.10	10.20	8.60	3.80	10.58
12	19.50	35.70	40.70	43.80	45.20	30.80	15.70	12.40	11.10	8.30	3.65	10.58
13	18.40	35.50	40.90	43.80	45.15	29.20	15.50	12.60	11.65	7.90	3.50	10.60
14	18.00	35.20	41.05	43.80	45.10	27.70	15.30	12.80	11.70	7.60	3.35	10.58
15	18.00	34.80	41.35	43.80	45.05	26.20	15.20	12.90	11.40	7.30	3.25	10.50
16	19.30	34.00	41.55	44.30	45.00	24.90	15.10	12.60	10.90	7.15	3.15	10.31
17	21.30	32.90	41.75	44.35	44.95	23.90	15.00	12.20	10.25	6.95	3.20	9 80
18	23.40	31.90	41.90	44.35	44.85	23.10	14.90	11.80	9.40	6.80	3.40	9.35
19	25.50	30.80	42.00	44.65	44.75	22.80	14.75	11.40	8.70	6.70	3.33	8.85
20	27.50	29.70	42.15	44.80	44.65	22.90	14.60	11.00	8.00	6.60	3.40	8.40
21	28.90	29.10	42.30	44.80	44.55	23.00	14.45	10.40	7.30	6.50	3.15	8.00
22	29.90	29.00	42.40	45.00	44.50	23.10	14.30	9.70	6.80	6.45	3.35	7.60
23	30.70	29.20	42.50	45.20	44.40	23.20	14.15	9.20	6.40	6.45	3.85	7.35
24	31.20	29.90	42.60	45.20	44.30	23.20	14.00	8.80	6.00	6.40	4.30	7.18
25	31.50	31.10	42.70	45.40	44.20	23.10	13.85	8.40	5.60	6.35	4.45	7.00
26	31.60	32.60	42.80	45.40	44.10	23.00	13.65	8.10	5.50	6.29	4.60	6.98
27	31.40	34.00	42.80	45.45	44.00	22.90	13.35	7.90	5.30	6.20	5.40	6.90
28	31.20	35.40	42.80	45.50	43.85	22.80	13.05	7.70	5.30	6.01	5.70	6.90
29	30.90		42.80	45.55	43.65	22.65	12.75	7.50	5.30	5.87	5.95	7.00
30	30.60		42.90	45.60	43.40	22.35	12.45	7.30	5.40	5.70	6.22	7.20
31	30.60		42.95		43.10		12.15	7.00		5.55		8.20

Mississippi River.—Vicksburg, Miss., 1875.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	9.00	8.90	17.20	41.47	41.80	35.00	28.70	38.65	40.35	21.90	9.55	17.05
2	10.05	9.50	17.00	41.90	41.55	34.35	29.30	38.80	40.00	21.90	9.45	17.95
3	11.20	10.70	16.70	41.91	41.20	33.70	29.75	38.95	39.30	21.60	9.30	19.00
4	12.80	12.68	17.10	42.00	40.85	33.00	30.20	39.05	38.50	21.30	9.20	20.40
5	14.75	15.07	18.60	42.13	40.50	32.30	30.60	39.20	37.30	21.10	9.10	21.75
6	16.50	17.90	21.80	42.25	40.40	31.60	30.95	39.35	36.10	19.80	8.95	23.00
7	18.20	20.70	25.60	42.30	40.40	31.00	31.50	39.55	34.45	19.40	8.80	23.90
8	19.60	22.70	28.80	42.35	40.45	30.30	31.95	39.70	32.50	18.80	8.65	24.60
9	20.95	24.60	31.40	42.55	40.50	29.50	32.30	39.85	30.60	18.20	8.50	25.00
10	22.05	26.05	33.60	42.65	40.65	28.75	32.70	39.95	28.70	17.40	8.40	25.00
11	23.00	27.30	35.00	42.75	40 80	28.10	33.05	40.08	26.90	16.55	8.30	25.00
12	23.90	28.20	35.98	42.75	40.85	27.55	33.30	40.25	25.20	15.75	8.20	24.55
13	24.60	28.88	36.98	42.75	40.90	27.30	33.50	40.32	23.60	15.00	8.10	24.00
14	25.00	29.38	37.60	42.73	40.95	27.40	33.70	40.40	22.00	14.30	8.10	23.40
15	25.10	29.80	38.00	42.73	40.95	27.80	33.90	40.50	20.75	14.00	8.10	22.80
16	24.90	29.70	38.38	42.80	40.90	28.15	34.20	40.80	19.75	13.60	8.17	22.40
17	24.30	29.20	38.60	42.85	40.85	28.40	34.45	40.80	19.00	13.30	8.30	22.10
18	23.40	28.35	38.70	42.80	40.80	28.50	34.85	40.80	19.65	13.00	8.45	21.80
19	22.20	27.30	39.10	42.90	40.73	28.35	35.15	40.80	20.45	12.70	9.00	21.70
20	20.70	25.98	39.60	42.88	40.60	28.00	35.55	40.80	20.95	12.50	9.90	21.60
21	19.00	24.50	39.80	43.00	40.50	27.30	35.90	40.80	21.25	12.30	11.20	21.50
22	17.35	22.90	39.98	42.95	40.20	27.15	36.25	40.80	21.50	12.15	12.20	21.80
23	15.73	21.60	40.10	42.95	39.90	26.70	36.60	40.80	21.55	12.00	12.95	21.80
24	14.40	20.50	40.30	42.90	39.45	26.40	36.90	40.80	21.50	11.75	13.75	21.80
25	13.10	19.80	40.35	42.80	39.05	26.10	37.20	40.80	21.35	11.35	14.20	21.85
26	11.80	19.08	40.40	42.75	38.60	26.00	37.50	40.80	21.25	11.00	14.50	21.60
27	10.70	18.30	40.60	42.70	38.15	26.30	37.75	40.80	21.20	10.70	14.70	21.20
28	9.70	17.70	40.90	42.50	37.55	26.80	37.95	40.80	21.35	10.40	15.20	20.60
29	9.00		41.22	42.35	37.00	27.45	38.20	40.80	21.55	10.15	15.70	20.50
30	8.50		41.30	42.12	36.40	28.10	38.35	40.75	21.80	9.90	16.30	20.35
31	8.50		41.30		35.65		38.50	40.65		9.70		20.15

Mississippi River.—Vicksburg, Miss., 1876

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	20.45	39.00	42.20	41.90	44.40	44.10	38.50	38.30	20.90	24.80	11.40	12.50
2	21.45	39.20	42.20	42.10	44.50	44.00	38.40	37.60	20.60	24.60	11.50	12.40
3	23.20	39.60	42.20	42.25	44.50	43.90	38.30	36.60	20.30	24.70	11.50	12.40
4	25.60	39.90	42.15	42.40	44.60	43.75	38.25	35.45	20.00	24.70	11.60	12.40
5	28.10	40.00	42.10	42.50	44.60	43.50	38.20	34.20	19.70	24.90	11.70	12.55
6	30.00	40.20	42.10	42.60	44.60	43.25	38.30	32.95	19.50	25.00	11.85	12.70
7	31.80	40.35	42.10	42.60	44.70	43.00	38.40	31.80	19.25	24.80	11.90	12.95
8	33.10	40.55	42.10	42.80	44.75	42.70	38.60	30.60	18.95	24.45	11.90	13.10
9	34.50	40.75	42.00	42.90	44.80	42.40	38.75	29.30	18.60	23.90	12.00	13.20
10	35.40	41.00	41.90	43.00	44.90	42.10	38.85	28.20	18.45	23.20	12.70	13.00
11	36.20	41.10	41.65	43.15	44.85	41.75	39.00	27.10	18.30	22.30	13.50	12.70
12	36.90	41.20	41.65	43.30	44.80	41.40	39.15	26.00	18.20	21.30	13.90	12.20
13	37.40	41.30	41.00	43.55	44.75	41.05	39.30	25.10	18.20	20.20	14.25	11.55
14	37.80	41.40	40.30	43.70	44.75	40.70	39.45	24.40	18.35	19.20	14.40	10.80
15	38.20	41.40	39.90	43.80	44.75	40.35	39.55	23.70	19.00	18.25	14.40	10.10
16	38.35	41.45	39.40	43.80	44.70	40.00	39.65	23.10	19.80	17.40	14.35	9.40
17	38.50	41.50	39.15	43.70	44.65	39.50	39.80	22.70	20.55	16.65	14.30	8 80
18	38.40	41.55	38.80	43.60	44.65	39.05	39.85	22.50	21.20	16.00	14.25	8.20
19	38.40	41.60	38.80	43.50	44.65	38.60	39.90	22.40	21.70	15.40	14.20	7.60
20	38.30	41.70	39.10	43.40	44.65	38.10	40.00	22.30	22.10	14.80	14.15	7.00
21	37.70	41.80	39.50	43.40	44.65	37.90	40.10	22.20	22.50	14.20	14.05	6.50
22	37.10	42.00	39.80	43.35	44.65	37.90	40.10	22.10	22.80	13.80	13.95	6.10
23	36.70	42.10	40.10	43.30	44.65	38.10	40.00	21.90	23.20	13.45	13.75	5.85
24	36.50	42.20	40.30	43.30	44.65	38.30	40.00	21.70	23.75	13.10	13.55	5.50
25	36.50	42.10	40.60	43.25	44.60	38.45	40.00	21.40	24.40	12.70	13.30	5.10
26	36.65	42.10	40.80	43.25	44.55	38.60	39.90	21.20	25.05	12.40	13.10	4.70
27	36.90	42.10	40.95	43.80	44.50	38.70	39.70	21.10	25.40	12.20	12.90	4.35
28	37.20	42.10	41.20	44.00	44.45	38.70	39.60	21.00	25.60	11.90	12.75	4.10
29	38.00	42.20	41.45	44.20	44.40	38 70	39.45	20.95	25.50	11.70	12.70	4.10
30	38.30		41.55	44.30	44.30	38.60	39.25	21.05	25.10	11.60	12.65	4.05
31	38.70		41.70		44.20		38.90	21.05		11.50		4.05

Mississippi River.—Vicksburg, Miss., 1877.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	4.05	34.20	19.00	32.90	41.18	40.72	39.65	25.40	.....	.....	10.75	20.35
2	3.60	34.80	18.35	33.00	41.28	40.60	39.45	25.15	.....	.....	11.60	20.65
3	3.00	35.50	17.70	33.05	41.30	40.40	39.25	24.80	.....	.....	12.20	21.10
4	2.50	35.90	17.10	33.25	41.40	40.15	39.00	24.40	.....	.....	12.90	21.70
5	2.30	36.10	16.55	33.50	41.42	39.80	39.00	23.80	.....	.....	13.80	22.30
6	2.25	36.30	16.05	33.75	41.50	39.40	38.90	23.25	.....	.....	14.50	23.00
7	2.25	36.10	15.60	34.15	41.55	38.80	38.80	22.60	.....	.....	15.25	23.90
8	2.30	35.60	.....	35.35	41.60	38.20	38.80	22.00	.....	.....	16.10	24.90
9	2.50	34.70	15.10	36.20	41.60	37.65	38.70	21.40	.....	.....	16.50	25.60
10	3.00	33.40	14.98	36.85	41.60	37.10	38.60	20.80	.....	.....	16.55	26.30
11	3.50	32.00	14.85	37.40	41.60	37.20	38.45	20.30	.....	.....	16.60	26.50
12	4.05	30.50	14.80	37.85	41.60	37.55	38.20	19.75	.....	.....	16.70	26.30
13	4.60	28.70	14.85	38.45	41.60	38.00	37.95	19.20	.....	.....	16.90	25.85
14	4.85	27.35	15.18	38.80	41.58	38.33	37.60	18.60	.....	.....	17.00	24.90
15	5.00	26.75	15.50	39.10	41.58	38.60	37.10	18.00	.....	.....	17.20	24.30
16	5.00	26.35	16.50	39.30	41.52	38.90	36.50	17.40	.....	.....	17.10	23.45
17	5.25	26.18	17.50	39.50	41.50	39.05	35.80	16.80	.....	.....	16.90	22.60
18	5.60	26.18	19.05	39.65	41.42	39.35	34.90	16.30	.....	.....	16.65	21.77
19	6.60	26.20	21.30	39.90	41.40	39.55	33.95	15.90	.....	.....	16.35	21.10
20	8.00	26.10	23.58	40.15	41.30	39.70	32.95	15.50	.....	.....	16.10	20.55
21	9.55	25.88	25.60	40.25	41.28	39.85	31.95	15.25	.....	.....	16.00	20.15
22	11.20	25.38	27.33	40.40	41.15	39.95	31.00	15.00	.....	.....	15.85	20.00
23	14.80	24.70	28.70	40.50	41.12	40.05	30.10	14.75	.....	.....	15.85	19.90
24	18.80	23.85	29.80	40.60	41.08	40.10	29.15	14.30	.....	.....	16.05	19.80
25	22.15	22.90	.....	40.70	41.04	40.15	28.50	13.80	.....	.....	16.55	19.70
26	25.25	21.92	31.55	40.80	41.00	40.15	27.60	13.40	.....	.....	17.05	19.55
27	27.55	20.70	32.00	40.95	40.90	40.10	26.90	12.90	.....	.....	17.95	19.25
28	29.35	19.90	32.38	41.05	40.90	40.10	26.30	12.40	.....	.....	18.80	20.20
29	30.85		32.55	41.10	40.90	39.90	25.95	12.10	.....	.....	19.55	21.10
30	32.10		32.80	41.10	40.90	39.80	25.70	11.70	.....	.....	20.00	22.00
31	33.20		32.85		40.80		25.55	11.35	.....	.....		23.00

Mississippi River.—Vicksburg, Miss., 1878.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November	December.
1	24.05	30.85	36.90	40.20	38.30	38.95	35.80	21 48	.....	.....	.....	.....
2	25.10	30.60	37.40	39.60	38.80	38.95	35.50	21.15	.....	.....	.....	.....
3	26.15	30.45	37.90	38.90	39.30	38.95	35.20	20.95	.....	.....	.....	.....
4	27.70	30.30	38.20	38.00	39.80	39.00	34.95	20.90	.....	.....	.....	.....
5	29.00	30.35	38.40	37.00	40.00	39.60	34.60	21.00	.....	.....	.....	.....
6	30.15	30.75	38.60	35.90	40.30	39.60	34.50	21.20	.....	.....	.....	.....
7	31.25	31.30	38.80	34.70	40.40	39.50	34.20	21.50	.....	.....	.....	.....
8	32.10	32.00	38.95	33.70	40.50	39.40	34.05	21.85	.....	.....	.....	.....
9	32.65	32.60	39.00	33.00	40.70	39.20	33.90	22.15	.....	.....	.....	.....
10	33.00	33.00	39.60	32.20	40.75	39.00	33.75	22.30	.....	.....	.....	21.20
11	33.00	33.40	39.80	31.40	40.70	38.60	33.60	22.20	.....	.....	.....	22.90
12	32.80	33.60	39.90	30.60	40.70	38.30	33.55	22.00	.....	.....	.....	24.45
13	32.45	33.60	40.00	29.90	40.70	38.00	33.50	21.75	.....	.....	.....	25.50
14	32.10	33.55	40.05	29.60	40.70	37.60	33.45	21.50	.....	.....	.....	26.25
15	31.30	33.45	40.10	29.30	40.60	37.20	33.30	21.30	.....	.....	.....	26.50
16	30.55	33.20	40.15	29.30	40.50	36.75	33.00	20.90	.....	.....	.....	26.90
17	29.70	33.15	40.25	29.40	40.45	36.25	32.60	20.60	.....	.....	.....	27.20
18	28.90	33.10	40.30	29.60	40.40	35.75	32.00	20.35	.....	.....	.....	27.50
19	28.30	33.25	40.45	29.90	40.20	35.70	31.35	20.20	.....	.....	.....	27.80
20	27.90	33.50	40.60	30.30	40.10	35.60	30.55	20.05	.....	.....	.....	28.05
21	27.50	33.90	40.70	30.60	39.70	35.65	29.55	19.85	.....	.....	.....	28.30
22	27.20	34.30	40.80	30.95	39.40	35.80	28.65	19.60	.....	.....	.....	28.40
23	27.05	34.65	40.90	31.35	38.90	36.00	27.65	19.25	.....	.....	.....	28.50
24	27.25	35.00	40.95	32.15	38.50	36.20	26.70	18.70	.....	.....	.....	28.60
25	27.80	35.35	40.95	33.00	38.10	36.40	25.75	.....	.....	.....	.....	28.60
26	28.60	35.70	40.95	33.90	37.80	36.45	24.85	.....	.....	.....	.....	28.60
27	29.40	36.05	40.95	34.80	37.60	36.40	24.10	.....	.....	.....	.....	28.60
28	30.00	36.45	40.90	35.50	37.80	36.25	23.40*	.....	.....	.....	.....	28.40
29	30.55		40.90	36.70	38.05	36.15	22.80	.....	.....	.....	.....	27.90
30	30.80		40.70	37.50	38.50	36.00	22.30	.....	.....	.....	.....	27.45
31	30.90		40.50		38.75		21.85	.....	.....	.....	.....	26.60

Mississippi River.—Vicksburg, Miss., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	25.70	37.15	33.05	34.25	33.32	.....	.....	.....	.....	.....	.....	.....
2	24.70	37.40	32.90	34.55	32.60	.....	.....	.....	.....	.....	.....	.....
3	22.90	37.75	32.70	34.75	31.82	.....	.....	.....	.....	.....	.....	.....
4	21.40	38.00	32.45	34.90	31.10	.....	.....	.....	.....	.....	.....	.....
5	19.80	38.25	32.25	35.05	30.30	.....	.....	.....	.....	.....	.....	.....
6	18.20	38.50	31.90	35.10	29.62	.....	.....	.....	.....	.....	.....	.....
7	.....	38.65	31.55	35.15	28.90	.....	.....	.....	.....	.....	.....	.....
8	.....	38.75	31.10	35.15	28.15	.....	19.60	.....	.....	.....	.....	.....
9	.....	38.80	30.65	35.15	27.30	.....	20.20	.....	.....	.....	.....	.....
10	.....	38.90	30.20	35.20	26.40	.....	20.60	.....	.....	.....	.....	.....
11	.....	39.07	29.80	35.22	25.55	.....	20.80	.....	.....	.....	.....	.....
12	.....	39.20	29.45	35.22	24.85	.....	20.80	.....	.....	.....	.....	.....
13	.....	39.35	29.10	35.22	24.30	.....	20.60	.....	.....	.....	.....	.....
14	.....	39.35	28.80	35.30	23.60	.....	20.40	.....	.....	.....	.....	.....
15	.....	39.35	28.45	35.30	22.90	.....	20.10	.....	.....	.....	.....	.....
16	.....	39.40	28.10	35.25	22.20	.....	19.70	.....	.....	.....	.....	20.30
17	.....	39.45	27.85	35.10	21.50	.....	.....	.....	.....	.....	.....	21.90
18	.....	39.35	27.60	35.00	20.80	.....	.....	.....	.....	.....	.....	23.65
19	.....	39.20	27.65	34.95	20.15	.....	.....	.....	.....	.....	.....	25.35
20	19.10	38.90	27.90	34.95	19.60	.....	.....	.....	.....	.....	.....	26.70
21	21.50	38.50	28.35	35.00	19.10	.....	.....	.....	.....	.....	.....	27.80
22	23.80	37.90	28.95	35.05	.....	.....	.....	.....	.....	.....	.....	28.80
23	26.10	37.25	29.70	35.10	.....	.....	.....	.....	.....	.....	.....	29.45
24	28.30	36.60	30.45	35.10	.....	.....	.....	.....	.....	.....	.....	29.95
25	30.30	35.65	31.15	35.02	.....	.....	.....	.....	.....	.....	.....	30.25
26	32.10	34.80	31.80	35.00	.....	.....	.....	.....	.....	.....	.....	30.35
27	33.60	34.10	32.30	34.90	.....	.....	.....	.....	.....	.....	.....	30.30
28	34.80	33.55	32.70	34.75	.....	.....	.....	.....	.....	.....	.....	30.00
29	35.65		33.15	34.35	.....	.....	.....	.....	.....	.....	.....	29.80
30	36.30		33.55	33.80	.....	.....	.....	.....	.....	.....	.....	29.85
31	36.80		33.85		.....	.....	.....	.....	.....	.....	.....	30.25

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	30.90	39.85	38.90	42.95	41.50	24.45	24.90	23.80	.....	.....	8.45	.....
2	31.70	39 80	39.20	42.98	41.35	23.70	25.60	22.90	.....	9.65	8.30	.....
3	32.55	39.75	39.45	43.05	41.10	23.20	26.30	22.20	.....	9.30	8.10	.....
4	33.35	39.40	39.70	43.05	40.90	22.85	26.90	21.40	.....	9.15	7.95	.....
5	34.05	38.85	39.95	43.05	40.70	22.75	27.30	20.60	.....	9.00	7.95	.....
6	34.70	38.10	40.20	43.05	40.60	22.90	27.55	19.80	.....	8.90	7.95	.....
7	35.35	37.10	40.35	43.00	40.55	23.55	27.80	.....	.....	8.85	8.00	.....
8	35.80	36.05	40.55	43.15	40.55	24.10	28.10	.....	.....	8.85	8.40	.....
9	36.20	34.90	40.80	43.15	40.60	24.70	28.50	.....	.....	8.85	8.95	.....
10	36.50	33.55	40.90	43.10	40.60	25.25	29.20	.....	.....	9.10	9.75	.....
11	36.75	32.15	41.20	43.05	40.65	25.70	30.10	.....	.....	9.25	10.20	.....
12	37.05	30.90	41.35	43.00	40.65	26.10	31.05	.....	.....	9.35	10.55	.....
13	37.30	29.75	41.45	42.98	40.65	26.35	31.90	.....	.....	9.50	10.95	.....
14	37.40	28.60	41.65	42.90	40.65	26.50	32.75	.....	.....	9.65	11.45	.....
15	37.60	27.85	41.85	42.85	40.60	26.50	33.35	.....	.....	9.60	12.10	.....
16	37.90	27.35	42.10	42.90	40.50	26.30	33.85	.....	.....	9.55	13.10	.....
17	38.10	27.25	42.18	42.90	40.40	25.95	34.15	.....	.....	9.30	14.35	.....
18	38.30	27.85	42.20	42.85	40.15	25.60	34.25	.....	.....	9.15	15.65	.....
19	38.55	29.00	42.45	42.80	39.80	25.30	34.30	.....	.....	8.80	16.55	.....
20	38.55	30.80	42.50	42.70	39.30	24.95	34.20	.....	.....	8.35	17.25	.....
21	38.85	32.45	42.68	42.60	38.70	24.55	34.00	.....	.....	8.00	.....	.....
22	39.15	33.85	42.70	42.50	37.70	24.00	33.70	.....	.....	7.85	.....	.....
23	39.30	35.00	42.75	42.35	36.50	23.50	33.20	.....	.....	7.85	.....	.....
24	39.40	35.95	42.80	42.20	35.00	23.05	32.50	.....	.....	7.85	.....	.....
25	39.50	36.65	42.85	42.05	33.35	22.80	31.60	.....	.....	7.85	.....	.....
26	39.65	37.30	42.85	42.00	31.70	22.60	30.65	.....	.....	7.80	.....	.....
27	39.80	37.80	42.95	41.88	30.00	22.75	29.55	.....	.....	7.70	.....	.....
28	39.85	38.00	42.95	41.70	28.50	23.00	28.40	.....	.....	7.75	.....	.....
29	39.90	38.60	42.95	41.70	27.20	23.45	27.40	.....	.....	8.10	.....	.....
30	39.90		42.95	41.60	26.20	24.20	26.20	.....	.....	8.35	.....	.....
31	39.90		42.95		25.30		25.00	.....	.....	8.45	.....	.....

Mississippi River.—Vicksburg, Miss., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	18.45	31.20	40.95	41.20	41.25	39.60	31.50	19.85	6.25	6.25	22.75	34.50
2	17.80	32.00	41.10	41.20	41.30	39.30	31.45	19.65	6.10	6.65	22.90	34.55
3	16.90	32.65	41.25	41.25	41.30	38.90	31.15	.....	5.85	7.20	23.35	34.70
4	16.60	32.95	41.40	41.25	41.35	38.40	30.80	.....	5.60	7.70	23.40	34.85
5	15.75	33.05	41.50	41.25	41.40	37.90	30.40	18.25	5.40	8.00	23.30	34.90
6	14.85	32.90	41.60	41.30	41.42	37.10	29.95	17.55	5.10	8.20	23.10	34.90
7	13.70	32.80	41.65	41.30	41.45	36.25	29.60	16.70	4.85	8.35	23.00	34.80
8	12.50	32.20	41.75	41.30	41.50	35.25	29.20	15.90	4.65	8.65	22.85	34.60
9	11.35	31.50	41.80	41.25	41.60	34.15	28.90	15.20	4.45	9.55	22.90	34.35
10	10.35	30.65	41.85	41.20	41.62	32.90	28.95	14.65	4.30	10.90	22.95	33.90
11	.....	30.00	41.85	41.15	41 60	31.70	28.60	14.15	4.15	12.75	23.10	33.20
12	.....	29.50	41.85	41.10	41.50	30.60	28.45	13.75	3.95	14.60	23.75	32.40
13	.....	28.90	41.80	41.15	41.48	29.50	28.20	13.35	3.80	15.95	24.20	31.35
14	.....	28.60	41.75	41.10	41.42	28.60	27.90	13.00	3.70	16.90	24.55	30.25
15	.....	28.95	41.65	41.00	41.40	27.70	27.35	12.70	3.90	17.70	24.85	28.95
16	.....	30.25	41.50	41.00	41.35	26.85	26.60	12.30	3.80	18.30	25.10	27.50
17	.....	32.20	41.45	40.95	41.30	26.10	25.80	11.70	3.70	18.70	25.40	26.10
18	.....	34.15	41.35	40.90	41.25	25.50	24.50	11.20	3.70	18.95	25.90	24.75
19	.....	35.80	.....	40.90	41.20	25.25	23.30	10.60	3.65	19.10	26.55	23.60
20	.....	36.90	41.15	40.90	41.15	25.20	22.10	10.00	3.65	19.20	27.30	22.85
21	.....	37.80	40.90	40.90	41.10	25.50	20.90	9.40	3.75	19.20	28.15	22.25
22	.....	38.40	40.85	40.90	41.05	25.95	20.05	8.85	3.85	19.20	29.05	22.00
23	16.60	39.00	40.70	40.90	40.95	26.60	19.50	8.45	4.00	19.05	30.00	22.25
24	18.00	39.45	40.65	40.95	40.85	27.40	.....	8.05	4.25	19.05	30.85	23.00
25	19.20	39.85	40.65	41.00	40.75	28.35	.....	7.75	4.65	19.05	31.50	24.25
26	21.00	40.20	40.70	41.08	40.65	29.30	19.65	7.50	5.05	19.00	32.15	25.85
27	23.10	40.55	40.73	41.10	40.50	30.10	19 72	7.20	5.50	19.15	32.80	27.50
28	25.20	40.80	40.85	41.15	40.30	30.70	19.80	7.00	5.80	20.05	33.40	29.20
29	27.10		40.95	41.20	40.15	31.20	19.90	6.80	6.00	20.85	33.85	30.80
30	28.70		41.05	41.25	39.95	31.45	19.90	6.55	6.05	21.30	34.20	32.20
31	30.00		41.15		39.75							

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	34.50	42.90	44.80	47.00	42 90	41.20	41.05	35.30	16.90	13.90	8.90	13.55
2	35.25	42.95	44.80	46.85	42.70	41.15	41.00	34.20	16.30	13.30	8.75	13.45
3	35.90	42.95	44.70	46.70	42.50	41.15	40.95	33.00	15.70	12.50	8.60	13.20
4	36.40	43.30	44.65	46.60	42.35	41.15	40.90	31.60	15.30	.....	8.50	13.00
5	36.90	43.35	44.60	46.50	42.15	41.20	40.75	30.10	14.80	.....	8.50	12.75
6	37.30	43.40	44.55	46.40	42.00	41.25	40.65	28.60	14.40	10.55	8.60	12.60
7	37.60	43.40	44.50	46.25	41.80	41.25	40.55	27.35	14.20	10.50	8.60	12.30
8	37.90	43.50	44.60	46.15	41.90	41.30	40.50	26.20	14.00	9.60	8.60	12.00
9	38.15	43.60	45.00	46.00	41.80	41.35	40.50	25.15	13.85	9.40	8.70	11.75
10	38.40	43.65	45.20	45.90	41.75	41.40	40.45	24.25	13.80	9.25	8.75	11.50
11	38.60	43.65	45.40	45.75	41.70	41.50	40.40	23.60	13.80	9.25	8.80	11.40
12	38.70	43.70	46.00	45.65	41.70	41.50	40.40	23.40	13.80	9.30	8.85	11.35
13	39.00	43.80	46.50	45.55	41.60	41.50	40.40	23.50	13.95	9.35	9.20	11.40
14	39.20	43.85	47.00	45.40	41.55	41.50	40.35	23.75	14.00	9.30	9.25	11.25
15	39.35	43.95	47.50	45.20	41.55	41.50	40.25	23.90	14.10	9.00	9.40	11.05
16	39.50	44.00	47.95	45.00	41.55	41.50	40.15	23 85	14.10	8.90	9.65	10.70
17	39.80	44.00	48.20	44.90	41.55	41.50	40.15	23.70	14 05	9.00	10.00	10 20
18	40.05	44.10	48.50	44.75	41.50	41.50	40.10	23.50	13.90	9.05	10.40	9.75
19	40.30	44.20	48.60	44.75	41.50	41.45	40.00	23.10	13.60	9.00	10.70	9.30
20	40.50	44.25	48.75	44.70	41.40	41.45	40.00	22.70	13.30	8.90	11.20	9.25
21	40.85	44.40	48.75	44.50	41.40	41.40	39.85	22.20	13.00	8.90	11.65	9.10
22	41.20	44.40	48.25	44.40	41.40	41.40	39.80	21.60	12.80	8.90	11.80	8.75
23	41.35	44.40	48.10	44.30	41.35	41.40	39.75	21.00	12.90	9.05	12.10	8.30
24	41.55	44.40	48.00	44.20	41.30	41.35	39.50	20.60	13.40	9.30	12.30	7.90
25	41.75	44.45	47.85	44.00	41.25	41.30	39.20	20.20	14.00	9.45	12.55	7.65
26	41.90	44.50	47.78	43.80	41.25	41.25	38.90	19.90	14.70	9.60	12.70	7.60
27	42.20	44.55	47.68	43.65	41.20	41.20	38.50	19.65	15.10	9.50	12.80	7.90
28	42.50	44.70	47.60	43.45	41.20	41.20	38.10	19.50	15.20	9.35	13.10	8.50
29	42.65		47.45	43.30	41.15	41.15	37.65	19.10	15.00	9.20	13.45	9.20
30	42.65		47.30	43.05	41.10	41.10	37.00	18.30	14.50	9.10	13.55	10.00
31	42.85		47.15		41.20		36.30	17.60		9.00		10.80

Mississippi River.—Vicksburg, Miss., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	11.70	26.35	42.20	43.60	42.20	38.35	39.55	30.50	13.70	3.30	11.40	24.20
2	12.70	28.05	42.30	43.70	42.20	38.45	39.55	29.30	13.20	3.20	11.10	25.40
3	13.65	29.40	42.30	43.75	42.10	38.55	39.55	28.10	12.80	3.10	10.85	26.70
4	14.60	29.40	42.50	43.70	42.05	38.65	39.55	26.90	12.35	3.05	10.80	27.75
5	15.50	30.35	42.60	43.65	42.00	38.65	39.55	25.80	11.90	2.95	11.00	28.50
6	16.30	31.00	42.65	43.60	41.95	38.75	39.60	24.65	11.30	2.90	11.70	28.95
7	16.95	31.50	42.75	43.80	41.90	38.90	39.60	23.60	10.70	3.05	12.70	29.50
8	17.20	31.80	42.85	43.70	41 85	38.95	39.60	23.00	10.20	3.20	14.10	29.70
9	17.30	32.10	42.90	43.60	41.75	39.00	39.60	22.85	9.70	3.20	15.90	29.70
10	17.40	32.40	42.95	43.55	41.70	39.05	39.65	22.85	9.20	3.25	17.20	29.55
11	17.50	32.70	43.00	43.55	41.70	39.10	39.65	23.00	8.75	3.40	19.70	29.50
12	17.35	33.10	43.00	43.50	41.70	39.10	39.55	23.10	8.35	3.55	19.95	29.60
13	17.25	33.90	43.00	43.45	41.60	39.05	39.50	23.10	8.00	3.70	19.85	29.65
14	17.10	34.60	43.10	43.40	41.50	39.05	39.40	22.85	7.70	3.85	19.85	29.40
15	16.70	35.45	43.10	43.40	41.45	39.00	38.90	22.85	7.35	4.05	20.00	28.85
16	16.35	36.40	43.05	43.40	41.30	39.00	38.50	22.65	7.15	4.30	20.45	28.00
17	16.10	37.35	43.05	43.30	41.10	38.95	37.90	22.35	6.85	4.60	20.90	27.00
18	15.90	38.10	43.00	43.25	40.85	38.95	37.20	22.10	6.50	4.95	20.90	25.80
19	15.85	38.75	43.00	43.20	40.60	39.20	36.50	21.55	6.20	5.60	21.30	24.60
20	15.85	39.35	42.95	43.10	40.15	39.20	35.65	21.00	5.85	6.50	21.70	23.40
21	15.80	39.90	42.90	43.00	39.70	39.30	34.95	20.60	5.50	7.45	22.10	22.35
22	15.85	40.30	42.85	43.00	39.05	39.40	34.95	19.85	5.20	7.80	22.90	21.50
23	15.85	40.80	42.75	42.95	38.50	39.50	34.40	19.15	4.85	8.20	23.10	20.70
24	16.20	41.30	42.65	42.90	38.00	39.50	34.10	18.55	4.55	8.65	23.00	20.10
25	16.80	41.60	42.65	42.80	37.60	39.60	34.00	17.95	4.30	9.15	22.50	19.50
26	17.50	41.80	42 65	42.70	37.50	39.70	33.90	17.40	4.00	9.65	22.20	19.00
27	18.50	42.00	42.60	42.60	37.60	39.60	33.85	16.80	3.80	10.30	21.80	18.80
28	19.30	42.10	42.70	42.55	37.80	39.55	33.55	16.05	3.70	10.75	22.10	18.60
29	20.60		42.90	42.45	38.00	39.55	33.10	15.40	3.55	11.35	22.50	18.40
30	22.60		43.10	42.35	38.10	39.55	32.40	14.75	3.40	11.55	23.20	19.00
31	24.35		43.40		38.25		31.55	14.20		11.55		20.80

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	23.35	31.90	45.00	47.75	45.25	41.50	29.60	18.40	8.85	5.10	13.65	5.90
2	26.20	31.60	45.10	47.55	45.35	40.90	29.10	17.65	8.60	5.30	13.75	6.05
3	28.70	31.35	45.10	47.30	45.50	40.00	28.70	17.15	8.40	5.70	13.90	6.95
4	30.80	31.10	45.20	47.10	45.60	39.00	28.30	17.00	8.25	6.55	14.05	7.75
5	32.50	30.85	45.30	46.90	45.65	38.20	27.90	17.10	8.15	8.20	13.85	8.45
6	33.70	30.65	45.35	46.75	45.75	37.30	27.50	17.50	8.30	9.90	13.70	9.05
7	34.55	30.95	45.40	46.55	45.75	36.40	27.20	17.80	8.60	11.85	13.60	9.05
8	35.30	31.95	45.65	46.40	45.75	35.50	26.80	18.25	8.85	13.60	13.40	8.80
9	35.75	33.35	45.75	46.20	45.75	34.85	26.60	18.70	9.20	15.00	13.10	8.30
10	36.00	35.20	45.75	46.00	45.70	34.20	26.30	18.70	9.55	16.10	12.70	7.70
11	36.20	36.70	45.80	45.80	45.65	33.80	26.00	18.70	9.80	17.00	12.15	7.00
12	36.20	38.00	45.90	45.70	45.60	33.50	25.75	18.70	9.80	17.75	11.60	6.25
13	36.05	39.00	45.95	45.60	45.55	33.10	25.45	18.50	9.65	18.00	10.95	5.60
14	35.80	40.00	45.95	45.50	45.55	33.00	25.20	18.20	9.30	17.90	10.30	5.10
15	35.50	40.70	45.95	45.50	45.40	32.80	25.00	17.85	8.70	17.55	9.75	4.85
16	35.00	41.40	45.95	45.50	45.27	32.70	24.85	17.30	8.05	16.95	9.20	5.10
17	34.50	42.00	46.00	45.35	45.22	32.70	24.70	16.60	7.45	16.45	8.70	6.30
18	34.00	42.50	46.50	45.30	45.10	32.70	24.55	15.95	6.90	15.95	8.20	8.30
19	33.40	42.90	47.10	45.37	44.98	32.70	24.45	15.30	6.45	15.70	7.70	10.20
20	32.70	43.20	47.85	45.37	44.78	32.70	24.10	14.55	6.15	15.65	7.20	12.05
21	31.90	43.60	48.40	45.45	44.70	32.60	23.75	13.90	5.90	15.75	6.90	13.75
22	31.20	43.80	48.90	45.40	44.60	32.50	23.30	13.15	5.75	15.85	6.50	14.85
23	30.85	44.00	48.85	45.30	44.50	32.40	22.90	12.40	5.60	15.85	6.50	15.45
24	31.10	44.20	48.85	45.25	44.40	32.20	22.80	11.75	5.50	15.75	6.30	15.75
25	31.30	44.30	49.00	45.22	44.30	31.95	22.80	11.10	5.50	15.55	6.20	15.90
26	31.50	44.60	48.80	45.10	44.10	31.65	22.70	10.50	5.50	15.20	6.10	15.90
27	31.75	44.70	48.70	45.20	43.85	31.30	22.45	10.00	5.40	15.00	6.00	15.20
28	32.00	44.80	48.55	45.20	43.50	30.95	22.00	9.70	5.30	14.65	5.90	14.50
29	32.10	44.90	48.40	45.20	43.15	30.60	21.20	9.45	5.25	14.25	5.80	14.50
30	32.20		48.25	45.20	42.65	30.10	20.50	9.35	5.10	13.95	5.70	15.15
31	32.00		48.00		42.15		19.30	9.10		13.70		15.50

Mississippi River.—Hay's Landing, Miss., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.00
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.47
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26.72
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.78
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.66
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.61
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.28
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.04
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.89
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.85
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.05
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.62
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.42
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.62
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.32
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.37
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.73
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22 18
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.57
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.95
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26.28
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.37
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.38

Mississippi River.—Hay's Landing, Miss., 1882.

Mississippi River.—Hay's Landing, Miss., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	29.16	35.77	37.59	35.71	33.36	34.15	33.66	27.29	12.64	10.33	6.29	.....
2	29.85	35.85	37.45	35.64	33.22	34.09	33.63	26.18	12.18	9.65	6.16	.....
3	30.33	36.00	37.31	35.53	33.06	34.11	33.57	24.95	11.76	8.96	6.04	.....
4	30.68	36.13	37.18	35.46	32.93	34.12	33.51	23.61	11.40	8.32	6.07	.....
5	31.05	36.10	37.10	35.38	32.83	34.12	33.45	22.49	11.10	7.82	6.11	.....
6	31.37	36.13	37.07	35.29	32.76	34.12	33.38	21.61	10.91	7.32	6.19	.....
7	31.58	36.19	37.00	35.23	32.70	34.11	33.33	20.55	10.78	6.91	6.22	.....
8	31.76	36.26	37.10	35.15	32.69	34.13	33.33	19.85	10.67	6.59	6.24	.....
9	32.01	36.32	37.30	35.09	32.67	34.14	33.31	19.20	10.62	6.47	6.32	.....
10	32.14	36.36	37.30	35.04	32.84	34.12	33.27	18.84	10.67	6.41	6.37	.....
11	32.25	36.40	37.32	34.95	32 95	34.13	33.24	18.82	10.75	6.49	6.40	.....
12	32.39	36.49	37.48	34.91	33.09	34.12	33.26	19.10	10.85	6.56	6.46	.....
13	32.64	36.59	37.62	34.88	33.33	34.09	33.23	19.45	11.01	6.57	6.66	.....
14	32.70	36.68	37.76	34.83	33.54	34.07	33.18	19.66	11.14	6.37	6.79	.....
15	32.80	36.74	37.96	34.76	33.71	34.04	33.15	19.70	11.18	6.27	7.07	.....
16	33.05	36.82	38.18	34.69	33.85	34.06	33.14	19.61	11.10	6.22	7.34	.....
17	33.25	36.89	38.28	34.63	33.93	34.03	33.13	19.45	10.95	6.22	7.69	.....
18	33.49	36.93	38.41	34.59	34.00	34.00	33.14	19.21	10.70	6.28	8.08	.....
19	33.68	37.01	38.52	34.59	34.05	33.96	33.08	18.88	10.40	6.25	8.43	.....
20	33.96	37.07	38.59	34.47	34.09	33.94	33.01	18.41	10.10	6.19	8.68	.....
21	34.27	37.15	37.94	34.44	34.17	33.91	32.92	17.98	9.89	6.20	8.95	.....
22	34.45	37.17	37.06	34.48	34.16	33.89	32.81	17.57	9.95	6.27	9.11	.....
23	34.59	37.21	36.79	34.47	34.17	33.85	32.63	17.18	10.40	6.55	9.34	.....
24	34.77	37.28	36.64	34.33	34.20	33.81	32.34	16.84	11.07	6.76	9.48	.....
25	34.94	37.37	36.50	34.25	34.21	33.78	32.00	16.45	11.77	6.98	9.54	.....
26	35.05	37.43	36.40	34.15	34.22	33.76	31.58	16.11	12.23	6.94	.....	.....
27	35.19	37.52	36.30	34.04	34.19	33.75	31.13	15.77	12.33	6.74	.....	.....
28	35.40	37.64	36.18	33.88	34.19	33.73	30.67	15.31	12.09	6.60	.....	.....
29	35.45		36.04	33.76	34.16	33.71	30.09	14.59	11.60	6.51	.....	.....
30	35.60		35.95	33.54	34.13	33.67	29.32	13.95	10.97	6.49	.....	.....
31	35.70		35.84		34.18		28.37	13.30		6.41	.....	.....

Mississippi River.—Hays' Landing, Miss., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	37.31	37.61	36.63	31.51	22.94	13.71	6.19	3.37	10.34	4.00
2	.....	.....	37.32	37.49	36.65	30.50	22.52	13.27	5.96	3.70	10.51	4.57
3	.....	.....	37.33	37.35	36.68	29.47	22.15	13.11	5.77	4.28	10.54	5.22
4	.....	.....	37.37	37.22	36.75	28.63	21.86	13.22	5.70	5.47	10.45	5.79
5	.....	.....	37.47	37.16	36.75	27.73	21.57	13.44	5.77	7.10	10.28	6.35
6	.....	.....	37.55	37.07	36.72	26.89	21.31	13.75	5.97	8.83	10.22	6.37
7	.....	.....	37.67	37.02	36.73	26.68	21.09	14.11	6.25	10.35	10.09	6.16
8	.....	.....	37.72	36.88	36.73	25.59	20.90	14.27	6.57	11.65	9.82	5.75
9	.....	.....	37.74	36.79	36.73	25.20	20.79	14.49	6.87	12.45	9.39	5.55
10	.....	.....	37.79	36.73	36.75	24.82	20.56	14.54	7.08	13.15	9.00	4.59
11	.....	.....	37.87	36.82	36.64	24.65	20.35	14.34	7.13	13.74	8.44	4.01
12	.....	31.40	37.90	36.78	36.65	24.57	20.02	14.18	7.00	13.97	7.95	3.47
13	.....	32.30	37.88	36.74	36.60	24.50	19.87	13.95	6.70	13.91	7.45	3.06
14	.....	33.00	37.84	36.70	36.59	24.49	19.72	13.70	6.25	13.51	6.90	2.78
15	.....	33.70	37.79	36.78	36.54	24.47	19.62	13.23	5.70	13.10	6.47	2.82
16	.....	34.30	37.77	36.74	36.47	24.51	19.57	12.69	5.20	12.60	5.97	3.65
17	.....	34.70	37.77	36.74	36.37	24.67	19.45	12.15	4.71	12.23	5.77	5.20
18	.....	35.20	37.85	36.75	36.34	24.92	19.32	11.60	4.34	12.00	5.25	7.07
19	.....	35.60	37.98	36.83	36.22	25.11	19.15	11.02	4.07	11.99	4.89	8.70
20	.....	35.80	38.25	36.85	36.14	25.22	18.77	10.42	3.81	12.07	4.51	10.24
21	.....	36.10	38.46	36.86	36.02	25.28	18.60	9.85	3.78	12.35	4.30	11.55?
22	.....	36.30	38.65	36.82	35.99	25.29	18.32	9.25	3.71	12.36	4.35	11.34
23	.....	36.60	38.70	36.80	35.89	25.24	18.22	8.70	3.62	12.09	4.16	11.59
24	.....	36.70	38.72	36.77	35.71	25.15	18.19	8.21	3.51	11.93	4.00	11.63
25	.....	36.85	38.61	36.73	35.46	24.92	18.17	7.71	3.56	11.69	3.97	11.53
26	.....	37.03	38.57	36.69	35.11	24.67	18.00	7.30	3.52	11.59	3.93	11.30
27	.....	37.13	38.56	36.68	34.74	24.38	17.47	7.00	3.45	10.75	3.79	10.75
28	.....	37.20	38.46	36.68	34.33	24.10	16.74	6.84	3.34	10.49	3.76	10.10
29	.....	37.27	38.34	36.64	33.74	23.73	16.02	6.75	3.29	10.27	3.69	9.95
30	.....		38.25	36.62	33.52	23.34	15.10	6.60	3.31	10.21	3.76	9.98
31	.....		37.82		32.30		.....	.....		10.21		.....

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.67
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.35
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.20
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.10
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.10
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.93
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.62
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.19
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.69
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.25
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.73
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.20
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.30
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.70
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.65
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.67
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.65
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.65
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.63
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.66
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.64
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.67
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.85
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 1.04
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 1.41
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 1.70
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 2.00
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 2.30
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 2.60

Mississippi River.—Lake Providence, La., 1872.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	— 2.60	4.83	12.60	15.60	35.15	29.08	22.90	22.40	8.05	2.94	0.12	1.36
2	— 2.90	4.05	13.67	15.32	35.10	29.05	21.98	22.65	7.90	2.83	— 0.03	1.03
3	— 2.90	3.47	14.37	15.10	34.95	29.00	21.26	22.72	7.90	2.83	— 0.18	0.63
4	— 2.85	2.70	14.93	14.69	34.68	29.10	20.20	22.63	7.90	2.90	— 0.28	0.23
5	— 2.20	.....	15.27	14.40	34.32	29.10	19.40	22.45	7.85	3.10	— 0.38	— 0.13
6	— 1.63	.....	15.45	14.55	33.70	28.80	18.55	22.18	7.78	3.25	— 0.46	— 0.35
7	— 1.00	.....	15.50	14.86	32.85	28.45	17.77	21.85	7.53	3.30	— 0.53	— 0.71
8	0.20	.....	15.45	15.85	31.70	28.20	17.15	21.45	7.16	3.35	— 0.58	— 1.10
9	1.13	.....	15.40	17.30	30.25	28.00	17.00	20.85	6.75	3.27	— 0.63	— 1.45
10	2.36	.....	12.27	18.90	28.70	27.78	16.85	20.10	6.47	3.12	— 0.68	— 1.75
11	4.15	— 1.30	12.10	20.30	27.52	27.50	16.75	19.03	6.14	2.92	— 0.68	— 2.00
12	5.95	— 0.80	11.87	21.72	26.15	27.20	16.65	18.00	5.84	2.72	— 0.58	— 2.30
13	6.69	— 0.60	11.65	23.33	24.83	26.98	16.60	17.20	5.57	2.50	— 0.28	— 2.50
14	7.70	— 0.35	11.47	25.17	23.35	26.98	16.47	16.10	5.35	2.27	0.42	— 2.55
15	8.90	0.13	11.35	27.32	22.25	27.22	16.35	15.15	5.12	2.04	1.32	— 2.50
16	10.93	0.18	11.30	29.35	20.85	27.52	16.15	14.18	4.85	1.87	2.12	— 2.40
17	10.91	0.70	11.35	31.00	20.00	27.85	15.98	13.13	4.70	1.74	2.62	— 2.30
18	12.03	4.20	11.42	32.00	20.00	28.18	15.73	12.18	4.50	1.59	2.77	— 2.20
19	12.02	4.78	11.60	32.85	20.62	28.40	15.40	11.23	4.30	1.42	2.67	— 1.95
20	11.93	5.30	11.90	33.40	21.15	28.46	15.10	10.53	4.15	1.29	2.57	— 2.05
21	11.35	6.35	12.37	33.78	22.05	28.35	14.95	9.96	4.03	1.12	2.29	— 2.25
22	10.59	6.70	12.90	34.10	23.35	28.10	15.40	9.61	3.85	1.01	2.09	— 2.35
23	9.93	6.80	13.46	34.37	24.48	27.83	16.30	9 30	3.70	0.91	2.04	— 2.40
24	8.55	7.28	13.90	34.53	25.10	27.38	18.25	9.10	3.50	0.77	2.04	— 2.30
25	8.33	7.77	14.53	34.70	26.40	26.91	19.75	9.07	3.40	0.72	2.37	— 2.10
26	8.12	8.40	14.90	34.80	26.92	26.46	21.00	9.10	3.43	0.67	2.69	— 2.10
27	7.80	9.30	15.18	34.92	27.62	25.80	21.57	9.25	3.40	0.62	2.69	— 2.62
28	7.37	10.22	15.47	35.03	28.22	25.18	21.77	9.25	3.20	0.62	2.56	— 3 22
29	6.91	11.44	15.65	35.10	28.70	24.50	21.79	9.15	3.10	0.55	2.21	— 3.85
30	6.22		15.70	35.10	29.00	23.75	21.90	8.87	3.02	0.48	1.81	— 2.95
31	5.56		15.70		29.12		22.15	8.33		0.32		0.00

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	3.25	17.80	34.20	25.50	35.84	35.03	27.80	19.94	6.74	2.26	1.63	5.37
2	5.55	18.68	34.40	26.08	35.63	34.83	27.20	19.56	6.53	2.17	1.33	6.48
3	7.70	18.95	34.60	26.75	35.45	34.78	26.78	19.06	6.36	2.08	1.09	7.60
4	8.61	18.95	34.80	27.50	35.18	34.80	26.44	18.81	6.28	2.18	0.91	8.50
5	8.42	18.60	34.94	28.20	34.92	34.85	26.17	18.42	6.32	2.96	1.00	9.15
6	7.72	18.20	35.11	28.90	34.70	34.85	25.98	18.04	6.32	3.64	1.49	9.80
7	6.90	17.52	35.25	29.78	34.62	34.83	25.92	17.50	6.28	3.64	2.71	11.30
8	6.20	16.65	35.51	30.55	34.56	34.78	25.72	16.96	6.16	3.56	4.46	13.30
9	5.55	15.68	35.60	31.10	34.56	34.65	25.52	16.30	6.02	3.21	6.21	15.14
10	5.25	14.60	35.60	31.60	34.56	34.35	25.41	15.60	5.89	2.92	7.31	16.48
11	5.30	13.60	35.56	32.12	34.60	34.04	25.41	14.85	5.76	2.61	8.16	17.60
12	6.00	13.00	35.41	32.88	34.65	33.70	25.48	14.25	5.66	2.29	8.66	19.30
13	7.20	12.65	35.06	33.50	34.82	33.28	25.68	13.60	5.61	2.06	8.88	21.50
14	8.95	13.05	34.54	34.00	34.89	32.86	26.08	13.05	5.61	1.86	8.88	23.33
15	10.45	14.52	33.78	34.45	34.84	32.47	26.59	12.52	5.63	1.76	8.66	24.55
16	11.90	17.00	32.70	34.78	34.84	32.10	27.05	12.04	5.57	1.66	8.10	25.83
17	13.25	20.35	31.50	35.00	34.94	31.70	27.41	11.57	5.39	1.54	7.60	26.90
18	14.30	23.35	30.00	35.25	35.03	31.40	27.70	11.20	5.19	1.52	7.10	27.80
19	14.95	25.50	28.60	35.45	35.15	31.05	28.00	10.81	4.96	1.32	6.50	28.70
20	15.22	27.42	27.30	35.62	35.27	30.75	28.08	10.50	4.68	1.17	5.83	29.55
21	15.15	29.22	26.30	35.75	35.50	30.53	27.95	10.20	4.44	1.08	5.33	30.22
22	14.85	30.41	25.52	35.80	35.60	30.67	27.70	9.92	4.26	1.02	4.83	30.85
23	14.60	31.50	24.80	35.84	35.72	30.22	27.12	9 62	4.01	1.11	4.57	31.25
24	14.45	32.30	24.50	35.84	35.88	30.13	26.40	9.27	3.66	1.11	4.57	31.52
25	14.45	22.90	24.50	35.89	36.00	30.00	25.50	8.94	3.38	1.08	4.19	31.65
26	14.70	33.40	24.50	35.93	36.07	29.80	24.45	8.57	3.15	1.17	3.54	31.65
27	15.00	33.65	24.50	35.93	36.10	29.55	23.34	8.24	2.89	1.37	3.64	31.80
28	15.10	34.00	24.60	35.93	36.12	29.32	22.40	7.94	2.64	1.59	3.90	31.70
29	15.30		24.80	35.88	35.95	28.95	21.38	7.64	2.64	1.83	4.21	31.60
30	15.85		24.90	35.80	35.70	28.42	20.88	7.31	2.46	1.80	4.59	31.45
31	16.80		25.10		35.35		20.38	7.01		1.73		31.20

Mississippi River.—Lake Providence, La., 1874.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	30.60	27.65	33.75	37.10	37.08	33.45	17.78	8.69	4.00	4.20	2.78	4.20
2	29.80	28.60	34.35	37.05	37.05	32.60	17.40	8.71	3.90	4.58	2.68	4.60
3	28.68	29.40	34.70	37.05	37.05	31.60	16.75	8.59	3.81	5.09	2.60	5.20
4	27.28	30.12	35.03	37.02	37.00	30.50	16.02	8.40	3.77	5.57	2.52	6.10
5	25.60	30.70	35.35	36.97	36.97	29.28	15.38	8.22	3.69	5.90	2.45	7.00
6	23.90	31.20	35.63	36.95	36.95	28.00	14.80	8.12	3.69	6.12	2.35	7.80
7	22.00	31.58	35.91	36.88	36.93	26.60	14.10	8.10	3.91	6.30	2.23	8.10
8	20.00	31.83	36.15	36.85	36.91	25.20	13.43	8.23	4.64	6.35	2.05	8.10
9	18.50	32.00	36.35	36.88	36.87	23.85	12.93	8.43	6.07	6.27	1.90	8.00
10	16.98	32.03	36.57	36.82	36.82	22.22	12.60	8.70	7.76	6.00	1.75	8.00
11	15.90	31.90	36.80	36.79	36 80	20.82	12.32	8.93	9.06	5.67	1.60	8.12
12	14.80	31.65	36.97	36.76	36.80	19.42	11.99	9.26	9.63	5.31	1.50	8.20
13	14.20	31.40	37.10	36.70	36.80	18.17	11.84	9.44	9.63	4.98	1.37	8.20
14	14.20	30.84	37.10	36.73	36.77	16.85	11.67	9.48	9.21	4.71	1.29	8.10
15	15.30	30.00	37.20	36.87	36.76	16.00	11.59	9.28	8.56	4.50	1.00	7.80
16	17.12	29.00	37.20	36.82	36.73	15.02	11.33	8.93	7.78	4.31	0.95	7.40
17	19.70	27.83	37.25	36.82	36.69	14.58	11.20	9.36	6.94	4.23	1.15	6.90
18	21.90	26.70	37.25	36.82	36.69	14.48	11.07	8.76	6.11	4.10	1.15	6.30
19	23.70	25.70	37.30	36.92	36.62	15.19	11.07	8.12	5.44	4.01	1.00	5.90
20	25.10	24.92	37.35	36.90	36.61	16.02	11.05	7.49	4.88	3.95	1.00	5.50
21	26.05	24.50	37.37	36.90	36.58	16.98	11.08	6.96	4.28	3.89	1.15	5.17
22	26.80	24.92	37.37	36.97	36.53	17.48	11.00	6.44	3.81	3.85	1.40	4.92
23	27.50	25.52	37.37	37.00	36.43	17.80	10.80	5.91	3.40	3.84	1.90	4.72
24	27.80	26.60	37.30	37.00	36.33	18.05	10.34	5.57	3.13	3.81	2.25	4.62
25	27.70	28.45	37.30	37.00	36.20	18.17	9.99	5.37	2.92	3.73	2.65	4.53
26	27.50	30.00	37.28	37.00	36.05	18.36	9.64	5.16	2.81	3.64	2.95	4.79
27	27.20	31.60	37.23	37.02	35.88	18.55	9.24	4.95	2.89	3.54	3.15	4.80
28	26.90	32.83	37.20	37.05	35.62	18.60	8.89	4.74	2.88	3.39	3.40	4.90
29	26.50		37.17	37.08	35.28	18.45	8.69	4.48	2.91	3.23	3.65	5.20
30	26.45		37.15	37.08	34.78	18.18	8.60	4.30	3.40	3.09	3.90	5.80
31	26.80		37.10		34.18		8.62	4.13		2.93		6.60

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	7.45	6.59	12.12	36.75	35.40	29.80	26.00	35.43	35.02	18.40	7.10	14.40
2	8.50	7.34	11.70	36.80	34.90	29.25	26 52	35.55	34.10	18.20	7.00	15.70
3	10.00	8.84	11.74	36.87	34.50	28.68	27.00	35.65	32.95	17.70	6.90	17.30
4	12.00	11.10	13.10	36.93	34.10	28.15	27.45	35.73	31.60	16.90	6.75	18.70
5	14.10	13.90	16.20	36.98	34.05	27.60	27.78	35.80	30.05	16.20	6.63	20.10
6	15.70	16.95	20.10	37.03	34.30	27.00	28.20	35.95	28.50	15.50	6.50	20.80
7	17.10	19.45	23.75	37.10	34.60	26.45	28.55	36.18	26.82	14.90	6.40	21.25
8	18.40	21.35	26.55	37.10	35.00	25.70	29.00	36.33	25.10	14.30	6.30	21.55
9	19.50	22.72	28.65	37.17	35.34	24.98	29.40	36.43	23.60	13.65	6.20	21.70
10	20.30	23.90	30.32	37.25	35.65	24.30	29.70	36.52	22.10	13.10	6.10	21.65
11	21.15	24.70	31.55	37.27	35.80	23.75	30.00	36.60	20.80	12.55	6.00	21.40
12	21.95	25.37	32.40	37.27	35.90	23.50	30.20	36.70	19.30	12.20	5.90	20.85
13	22.48	25.75	33.00	37.22	35.95	23.70	30.30	36.68	18.00	12.00	6.00	20.20
14	22.55	26.00	33.50	37.22	36.00	24.20	30.50	36.78	16.80	11.70	6.08	19.40
15	22.30	25.60	33.90	37.25	36.00	24.70	30.75	36.83	16.00	11.40	6.18	18.90
16	21.62	24.67	34.22	37.25	36.00	25.00	31.15	36.85	15.40	11.10	6.36	18.60
17	20.74	23.70	34.45	37.25	35.93	25.10	31.60	36.82	15 30	10.80	6.56	18 40
18	19.54	22.50	34.65	37.27	35.80	25.00	31.95	36.85	16.60	10.60	7.06	18.20
19	18.14	21.15	34.92	37.29	35.65	24.80	32.30	36.82	17.20	10.40	7.91	18.00
20	16.34	20.15	35.22	37.29	35.40	24.30	32.60	36.82	17.70	10.18	9.01	17.93
21	14.89	19.13	35.37	37.24	35.10	23.80	32.90	36.82	18.00	9.95	10.21	17.95
22	13.14	17.58	35.52	37.20	34.75	23.35	33.20	36.82	18.10	9.75	10.81	18.25
23	11.49	16.26	35.65	37.12	34.25	22.95	33.50	36.80	18.00	9.50	11.11	18.55
24	10.12	15.11	35.85	37.06	33.70	22 70	33.85	36.80	17.80	9.25	11.36	18.25
25	8.97	14.33	35.95	36.95	33.10	22.70	34.17	36.78	17.60	8.90	11.61	17.95
26	7.97	13.61	36.00	36.80	32.65	22.90	34.35	36.78	17.50	8.53	11.81	17.35
27	7.19	13.01	36.32	36.60	32.20	23.40	34.57	36.74	17.60	8.18	11.94	16.85
28	6.59	12.42	36.45	36.34	31.72	24.00	34.75	36.64	17.95	7.81	12.09	16.15
29	6.11		36.55	36.00	31.30	24.85	34.92	36.45	18.20	7.43	12.49	15.85
30	5.99		36.60	35.70	30.82	25.50	35.10	36.18	18.45	7.38	13.29	15.70
31	6.11		36.60		30.40		35.25	35.73		7.25		15.95

Mississippi River.—Lake Providence, La., 1876.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	16.65	35.50	37.32	37.20	36.63	35.90	33.00	32.40	16.80	20.90	9.15	9.57
2	18.90	35.80	37.32	37.35	36.58	35.78	33.00	31.45	16.50	20.85	9.20	9.55
3	21.65	36.10	37.30	37.40	36.58	35.60	33.00	30.20	16.23	21.00	9.25	9.65
4	23.90	36.30	37.25	37.45	36.58	35.30	33.00	29.00	16.00	21.20	9.30	9.75
5	25.90	36.45	37.20	37.53	36.53	35.00	33.10	27.85	15.75	21.40	9.40	9.85
6	27.65	36.60	37.15	37.60	36.50	34.70	33.45	26.70	15.50	21.55	9.55	9.93
7	29.25	36.75	37.05	37.63	36.50	34.35	33.70	25.55	15.30	21.60	9.75	9.98
8	30.45	36.80	36.85	37.70	36.60	34.05	33.85	24.55	15.05	21.50	10.05	10.05
9	31.55	36.90	36.45	37.80	36.50	33.70	34.05	23.50	14.80	21.10	10.40	10.09
10	32.50	36.95	35.90	37.85	36.47	33.40	34.18	22.40	14.73	20.70	10.80	9.75
11	33.25	37.10	35.30	37.90	36.45	33.15	34.37	21.45	14.70	20.00	11.20	9.50
12	33.75	37.15	34.60	37.95	36.47	32.85	34.55	20.65	14.62	18.90	11.35	8.00
13	34.05	37.15	33.85	37.95	36.45	32.55	34.70	19.85	14.75	17.50	11.45	7.40
14	34.30	37.20	32.90	37.95	36.43	32.30	34.85	19.15	15.30	16.50	11.50	6.65
15	34.45	37.20	32.20	37.90	36.43	32.05	34.95	18.60	16.15	14.00	11.50	5.90
16	34.55	37.25	31.70	37.50	36.43	31.70	35.10	18.25	17.00	13.00	11.40	5.25
17	34.55	37.27	31.85	37.35	36.43	31.40	35.15	18.10	17.60	12.35	11.30	4.65
18	34.35	37.29	32.20	37.27	36.45	30.95	35.18	18.00	17.95	11.80	11.25	4.05
19	33.95	37.32	32.80	37.15	36.45	30.55	35.20	17.95	18.65	11.30	11.20	3.55
20	33.30	37.32	33.80	37.10	36.47	30.25	35.20	17.90	18.95	10.80	11.15	3.05
21	32.65	37.35	34.25	37.05	36.47	30.55	35.20	17.85	19.25	10.60	11.05	2.65
22	32.05	37.38	34.75	37.00	36.45	31.15	35.10	17.70	19.65	10.40	10.90	2.30
23	31.80	37.38	35.15	36.95	36.42	31.85	35.05	17.55	20.05	10.20	10.70	2.00
24	31.95	37.38	35.50	36.95	36.40	32.45	35.00	17.35	20.70	10.00	10.45	1.80
25	32.35	37.38	35.80	36.90	36.37	32.95	34.90	17.15	21.40	9.80	10.20	1.65
26	32.85	37.38	36.05	36.83	36.33	33.10	34.80	16.95	21.90	9.60	10.05	1.55
27	33.35	37.38	36.30	36.80	36.30	33.20	34.65	16.95	22.05	9.45	9.93	1.45
28	33.80	37.38	36.50	36.75	36.25	33.20	34.45	16.98	22.00	9.35	9.84	1.40
29	34.40	37.38	36.73	36.73	36.20	33.20	34.15	17.05	21.65	9.25	9.76	1.35
30	34.85		36.90	36.68	36.12	33.15	33.70	17.10	21.25	9.20	9.65	1.30
31	35.15		37.05		36.05		33.15	17.03		9.15		1.25

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1.25	29.60	14.60	28.70	35.65	34.25	33.53	20.35	7.15	5.90	8.20	16.10
2	1.25	30.25	13.95	28.85	35.70	33.95	33.28	20.05	6.95	5.95	8.95	16.50
3	1.25	31.00	13.40	28.90	35.75	33.60	33.10	19.70	6.85	5.90	9.60	16.95
4	1.30	31.70	12.90	29.10	35.80	33.15	33.00	19.20	6.80	5.70	10.30	17.45
5	1.35	32.00	12.40	29.35	35.80	32.65	32.97	18.65	6.75	5.40	11.15	18.05
6	1.40	31.75	12.00	29.70	35.82	32.00	32.95	18.00	6.75	5.15	11.75	18.90
7	1.50	31.30	11.65	30.30	35.82	31.25	32.90	17.30	6.75	4.90	12.25	19.95
8	1.65	30.45	11.40	31.15	35.80	30.50	32.85	16.75	6.70	4.70	12.60	20.90
9	1.85	29.20	11.30	31.95	35.80	29.25	32.75	16.25	6.55	4.45	12.85	21.50
10	2.10	27.60	11.25	32.45	35.75	29.45	32.55	15.80	6.55	4.25	12.90	21.75
11	2.40	25.90	11.15	32.90	35.73	30.40	32.35	15.35	6.65	4.05	12.95	21.65
12	2.70	24.50	11.10	33.35	35.67	31.30	32.10	14.85	6.80	3.85	13.00	21.15
13	3.10	23.25	11.30	33.70	35.65	31.95	31.75	14.25	6.80	3.70	13.15	20.50
14	3.50	22.25	11.55	33.90	35.60	32.35	31.25	13.60	6.70	3.50	13.25	19.80
15	4.25	22.20	12.05	34.15	35.50	32.65	30.60	13.00	6.55	3.35	13.30	18.95
16	5.10	22.30	13.05	34.30	35.35	32.85	29.90	12.45	6.50	3.25	13.00	17.85
17	6.00	22.35	14.95	34.45	35.20	33.65	29.05	11.95	6.35	3.20	12.70	17.05
18	7.00	22.40	17.30	34.60	35.10	33.90	28.05	11.55	6.20	3.20	12.37	16.45
19	8.10	22.40	19.80	34.70	35.00	34.10	27.15	11.25	6.00	3.35	12.07	15.85
20	9.25	22.40	21.90	34.90	34.93	34.25	26.25	10.95	5.85	3.40	11.72	15.45
21	10.80	22.25	23.65	35.05	34.88	34.33	25.40	10.80	5.75	3.50	11.52	15.20
22	12.45	21.70	24.90	35.20	34.82	34.45	24.60	10.60	5.65	3.80	11.42	15.20
23	14.20	20.40	25.90	35.30	34.77	34.50	23.75	10.30	5.57	4.55	11.62	15.35
24	16.15	19.30	26.80	35.35	34.77	34.53	22.85	9.80	5.49	5.55	11.95	15.50
25	18.20	18.20	27.50	35.42	34.77	34.50	22.15	9.35	5.35	6.30	12.50	15.65
26	21.10	17.15	27.97	35.45	34.77	34.40	21.50	8.95	5.20	6.55	13.40	15.80
27	23.35	16.15	28.20	35.60	34.77	34.30	20.95	8.60	5.15	6.60	14.35	16.40
28	25.35	15.30	28.45	35.55	34.72	34.20	20.70	8.25	5.10	6.65	15.00	17.20
29	26.70		28.65	35.55	34.67	34.00	20.60	8.00	5.25	6.75	15.55	18.20
30	27.90		28.70	35.58	34.57	33.75	20.60	7.70	5.65	7.15	15.85	19.20
31	28.80		28.70		34.45		20.60	7.40		7.60		20.15

Mississippi River.—Lake Providence, La., 1878.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	21.20	26.95	33.15	34.00	34.05	33.95	30.75	17.40	12.75	12.00	4.05	5.50
2	22.40	26.65	33.55	33.80	34.55	34.15	30.45	17.15	12.75	11.45	4.00	5.70
3	23.65	26.50	33.90	32.80	34.95	34.30	30.15	17.00	12.50	10.65	3.90	5.90
4	25.00	26.50	34.20	31.60	35.20	34.40	29.85	17.10	12.15	9.10	3.80	6.15
5	26.20	26.90	34.35	30.45	35.40	34.40	29.60	17.25	11.90	8.60	3.75	6.65
6	27.30	27.50	34.45	29.50	35.50	34.35	29.35	17.45	11.75	7.60	3.75	7.65
7	28.15	28.20	34.55	28.60	35.55	34.25	29.16	17.95	11.50	6.65	3.85	8.90
8	28.65	28.70	34.60	27.70	35.57	34.05	29.00	18.30	11.15	6.10	4.00	10.90
9	28.90	29.20	34.65	26.80	35.65	33.65	28.95	18.45	10.65	5.75	4.25	13.15
10	28.90	29.65	34.75	25.90	35.68	33.10	28.90	18.40	10.05	5.45	4.65	15.15
11	28.65	29.75	34.90	25.10	35.62	32.60	28.85	18.20	9.55	5.25	4.95	16.65
12	28.35	29.80	35.05	24.60	35.55	32.20	28.70	18.50	9.10	5.10	5.15	17.85
13	27.95	29.65	35.15	24.20	35.45	31.85	28.60	18.20	8.70	5.00	5.30	18.60
14	27.30	29.50	35.25	24.10	35.40	31.45	28.45	17.80	8.45	4.90	5.35	19.10
15	26.55	29.35	35.30	24.10	35.25	31.00	28.25	17.30	8.25	4.75	5.45	19.35
16	25.65	29.35	35.35	24.30	35.10	30.65	27.95	16.90	8.10	4.65	5.60	19.65
17	24.70	29.45	35.40	24.50	34.85	30.25	27.50	16.40	7.90	4.65	5.60	19.95
18	23.95	29.60	35.45	24.80	34.65	29.95	26.90	16.00	7.65	4.55	5.65	20.20
19	23.60	29.80	35.55	25.20	34.50	29.75	26.15	15.85	7.35	4.55	5.60	20.40
20	23.30	30.10	35.65	25.55	34.30	30.00	25.30	15.75	7.00	4.55	5.50	20.60
21	23.05	30.35	35.75	26.20	33.75	30.45	24.25	15.60	6.85	4.50	5.35	20.75
22	22.92	30.60	35.80	26.70	33.30	30.85	23.30	15.40	6.65	4.40	5.20	20.90
23	23.12	30.90	35.80	26.90	32.80	31.25	22.30	15.20	6.50	4.30	5.00	20.90
24	23.67	31.15	35.80	27.55	32.30	31.55	21.55	14.70	6.30	4.15	4.85	20.85
25	24.52	31.45	35.75	28.55	31.90	31.70	20.80	14.10	6.25	4.00	4.75	20.70
26	25.52	31.85	35.70	29.55	31.75	31.70	20.05	13.50	7.45	3.85	4.75	20.50
27	26.27	32.35	35.60	30.60	32.05	31.60	19.25	13.00	8.95	3.75	4.80	20.25
28	26.72	32.75	35.50	31.80	32.60	31.50	18.75	12.65	10.30	3.75	4.90	19.95
29	27.02		35.35	32.80	33.10	31.50	18.25	12.55	11.55	3.85	5.05	19.75
30	27.20		35.20	33.50	33.25	31.50	17.80	12.55	12.00	3.95	5.30	19.55

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	19.00	34.65	28.75	31.25	29.50	12.35	16.25	13.55	11.35	3.85	2.70	13.40
2	18.50	35.05	28.90	31.45	28.65	12.25	16.15	13.65	11.35	3.65	3.45	13.85
3	17.85	35.20	28.65	31.60	27.95	12.15	16.05	13.85	11.25	3.40	3.70	14.10
4	17.10	35.25	28.40	31.70	27.25	12.25	16.05	14.05	11.25	3.10	3.80	14.20
5	16.25	35.45	28.10	31.80	26.55	12.55	16.15	14.10	11.35	2.80	3.30	14.20
6	15.25	35.45	27.80	31.85	25.85	12.95	16.65	13.95	11.60	2.50	2.90	14.30
7	14.15	35.45	27.40	31.85	25.20	13.45	17.35	13 75	11.65	2.20	2.60	14.55
8	13.05	35.45	27.00	31.85	24.30	14.00	18.35	13.45	11.75	1.90	2.25	14.85
9	12.05	35.55	26.50	31.85	23.35	14.50	19.05	13.15	12.40	1.60	1.90	15.10
10	11.15	35.60	26.10	31.95	22.50	15.00	19.40	12.85	13.40	1.35	1.65	15.50
11	10.85	35.80	25.75	32.00	21.85	15.55	19.50	12.65	14.45	1.15	1.50	16.10
12	10.60	35.90	25.50	32.03	21.25	15.95	19.40	12.50	15.15	1.05	1.40	16.85
13	10.60	35.95	25.20	32.02	20.60	16.35	19.00	12.45	15.45	0.90	1.35	17.75
14	10.60	36.00	24.90	32.07	20.05	16.65	18.50	12.55	15.45	0.80	1.30	18.70
15	10.85	36.00	24.60	32.02	19.40	16.65	18.00	12.75	15.30	0.65	1.25	19.90
16	11.60	36.00	24.30	31.80	18.65	16.65	17.50	13.15	14.85	0.55	1.25	21.40
17	13.10	35.90	24.25	31.60	18.15	16.50	16.95	13.20	14.10	0.55	1.25	23.00
18	14.80	35.80	24.25	31.47	17.15	16.25	16.40	13.20	13.10	0.60	1.30	24.75
19	16.70	35.55	24.50	31.54	16.85	15.95	15.75	13.00	12.10	0.65	1.40	26.35
20	18.60	35.10	25.15	31.64	16.30	15.65	15.25	12.65	11.10	0.65	1.50	27.55
21	20.60	34.50	25.75	31.75	15.80	15.85	14.95	12.30	9.10	0.65	1.65	28.55
22	22.60	33.65	26.50	31.90	15.40	15.35	14.70	11.90	8.20	0.80	1.90	29.30
23	24.65	32.90	27.30	31.95	15.05	15.25	14.50	11 50	7.40	0.95	2.65	29.75
24	26.45	31.85	27.95	31.90	14.65	15.15	14.35	11.10	6.65	1.05	3.65	30.30
25	28.05	30.85	28.45	31.80	14.20	15.15	14.20	10.80	6.00	1.20	4.90	30.10
26	29.25	29.85	29.00	31.65	13.90	15.25	14.10	10.65	5.50	1.35	6.40	30.10
27	30.25	29.20	29.45	31.45	13.60	15.45	14.00	10.60	5.15	1.50	8.15	30.00
28	31.15	28.95	29.90	31.15	13.30	15.75	13.90	10.55	4.80	1.65	9.90	29.70
29	31.85		30.25	30.75	13.00	16.10	13.80	10.60	4.40	1.80	11.65	29.70
30	32.55		30.60	30.25	12.75	16.25	13.70	10.90	4.10	1.95	12.65	29.90
31	33.15		30.95		12.50		13.60	11.20		2.20		30.55

Mississippi River.—Lake Providence, La., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	31.40	37.50	34.85	37.90	34.71	20.20	22.00	19.55	8.05	7.40	6.15	9.40
2	32.10	37.00	35.20	37.90	34.41	20.00	22.65	18.90	8.25	7.25	6.00	8.95
3	32.90	36.35	35.45	38.05	34.16	19.80	23.40	18.35	8.45	7.05	5.20	8.50
4	33.70	35.60	35.65	37.95	34.07	19.80	23.95	17.85	8.90	6.90	5.65	7.90
5	34.45	34.85	35.80	37.90	34.07	19.95	24.20	17.05	9.15	6.85	5.60	7.60
6	35.10	33.85	35.95	37.85	34.17	20.20	24.35	16.25	9.35	6.85	5.55	7.55
7	35.60	32.75	36.10	37.80	34.27	20.65	24.55	15.45	9.90	6.85	5.80	7.90
8	36.00	31.55	36.25	37.80	34.37	21.20	24.90	14.90	10.25	6.85	6.30	9.30
9	36.30	30.35	36.45	37.65	34.47	21.85	25.35	14.30	10.50	6.90	6.80	11.55
10	36.50	29.05	36.65	37.45	34.62	22.35	26.35	13.85	10.70	7.00	7.25	13.95
11	36.65	27.70	36.80	37.37	34.72	22.75	27.30	13.45	10.95	7.15	7.50	15.95
12	36.75	26.70	36.95	37.22	34.80	22.95	28.15	13.10	11.15	7.30	7.75	18.65
13	36.85	25.95	37.05	37.10	34.85	23.05	28.80	12.70	11.55	7.40	8.15	20.85
14	36.95	25.30	37.30	36.95	34.85	23.05	29.25	12.30	11.35	7.40	8.75	22.75
15	37.05	24.70	37.35	36.80	34.85	22.95	29.90	12.00	11.90	7.30	9.50	24.15
16	37.15	24.20	37.50	36.70	34.75	22.75	30.25	11.85	11.90	7.20	10.65	25.40
17	37.25	24.70	37.55	36.60	34.55	22.55	30.30	11.55	11.85	7.10	12.00	26.35
18	37.40	25.45	37.60	36.45	34.15	22.20	30.35	11.40	11.80	6.85	13.00	26.60
19	37.50	26.70	37.75	36.40	33.55	21.75	30.30	11.25	11.75	6.60	13.60	26.60
20	37.60	28.30	37.75	36.30	32.85	21.25	30.15	11.10	11.65	6.35	13.90	26.30
21	37.65	29.80	37.75	36.10	31.95	20.85	29.75	10.95	11.25	6.20	13.95	25.60
22	37.75	30.80	37.80	35.93	30.80	20.35	29.25	10.75	10.70	6.15	13.75	24.50
23	37.80	31.75	37.85	35.73	29.20	19.75	28.60	10.55	10.10	6.15	13.35	23.20
24	37.85	32.55	37.85	35.53	27.75	19.45	27.75	10.35	9.45	6.20	12.95	21.60
25	37.90	33.15	37.85	35.33	26.45	19.30	26.75	10.10	8.95	6.15	12.45	19.80
26	37.95	33.65	37.85	35.33	25.25	19.45	25.70	9.75	8.70	6.00	11.90	18.45
27	37.95	33.85	37.85	35.18	24.05	19.80	24.65	9.45	8.55	6.00	11.30	17.20
28	37.95	34.15	37.85	35.05	22.85	20.20	23.55	9.10	8.25	6.00	10.75	16.05
29	37.95	34.45	37.85	34.98	21.85	21.10	22.65	8.75	8.00	6.05	10.20	15.10
30	37.85		37.90	34.88	21.20	21.75	21.65	8.40	7.75	6.15	9.75	14.35
31	37.75		37.90		20.60		20.65	8.05		6.20		13.80

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	13.25	27.10	35.55	35.05	35.60	33.65	27.00	16.45	5.15	5.30	17.05	28.70
2	12.70	27.60	35.64	35.10	35.65	33.20	26.70	16.25	5.00	5.80	17.15	28.95
3	12.15	27.93	35.74	35.10	35.68	32.65	26.55	15.95	4.80	6.20	17.15	29.00
4	11.50	27.99	35.83	35.08	35.70	32.00	26.00	15.50	4.60	6.50	17.10	29.10
5	10.70	27.88	35.93	35.00	35.73	31.25	25.75	14.90	4.35	6.65	17.00	29.10
6	9.75	27.77	36.02	34.96	35.76	30.30	25.30	14.10	4.15	6.80	16.80	29.05
7	9.75	27.65	36.09	35.00	35.78	29.35	25.00	13.35	3.95	6.90	16.65	28.95
8	8.75	27.51	36.15	35.00	35.80	28 30	24.75	12.75	3.80	7.05	16.55	28.80
9	8.00	26.94	36.15	34.99	35.85	27.30	24.70	12.25	3.65	7.20	16.55	28.60
10	7.40	26.23	36.14	34.94	35.90	26.40	24.60	11.95	3.50	8.15	16.65	28.20
11	6.95	25.77	36.17	34.88	35 85	25.50	24.45	11.60	3.40	9.60	16.85	27.60
12	6.70	25.12	35.96	34.78	35.80	24.70	24.30	11.30	3.30	10.85	17.15	26.90
13	5.45	24.57	35.82	34.75	35.78	24.10	24.10	11.05	3.10	11.65	17.55	25.70
14	5.35	24.94	35.66	34.75	35.75	23.50	23.70	10.75	3.00	12.15	17.80	24.50
15	5.25	25.98	35.49	34.73	35.72	22.85	23.00	10.50	3.00	12.60	18.05	23.30
16	5.35	27.60	35.24	34.73	35.70	22.25	22.15	10.10	3.00	12.90	18.25	22.00
17	5.55	29.30	34.96	34.73	35.70	21.75	21.20	9.65	3.00	13.05	18.55	20.75
18	6.45	30.73	34.55	34.74	35.70	21.50	19 80	9.10	3.00	13.15	18.95	19.70
19	7.35	31.88	34.17	34.82	35.70	21.60	17.35	8.55	3.00	13.15	19.50	18.70
20	9.10	32.54	33.88	34.92	35.75	21.90	16.20	8.05	3.10	13.15	20.20	18.20
21	10.55	33.08	33.77	34.96	35.65	22.45	15.50	7.55	3.20	13.15	20.90	17.55
22	11.95	33.63	33.69	35.02	35.50	23.00	15.20	7.15	3.35	13.15	21.75	17.80
23	13.45	34.10	33.75	35.06	35.45	23.85	15.20	6.80	3.50	13.00	22.50	18.55
24	14.75	34.48	33.85	35.10	35.35	24.60	16.30	6.50	3.65	12.80	23.25	19.55
25	16.43	34.77	33.98	35.15	35.20	25.35	16.50	6.30	3.95	12.80	24.10	21.05
26	18.33	35.06	34.11	35.25	35.05	26.20	16.70	6.15	4.45	12.95	25.10	22.60
27	20.36	35.41	34.24	35.35	34.90	26.65	16 80	5.95	4.70	13.45	26.05	23.90
28	22.15	35.41	34.65	35.45	34.70	26.80	16.80	5.75	4.85	14.35	26.95	25.40
29	23.70		34.79	35.50	34.45	26.95	16.80	5.55	4.85	15.05	27.70	26.90
30	25.28		34.93	35.55	34.15	27.00	16.80	5.40	4.95	16.15	28.20	28.30
31	26.18		35.00		34.00		16.60	5.30		16.85		29.40

Mississippi River.—Lake Providence, La., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	30.20	36.25	38.15	36.18	33.58	34.88	34.15	27.40	15.40	12.75	8.30	11.00
2	30.80	36.30	37.93	36.10	33.40	34.85	34.10	26.15	14.90	12.15	8.05	10.80
3	31.20	36.40	37.78	36.00	33.20	34.80	34.05	25.10	14.40	11.55	8.05	10.50
4	31.50	36.60	37.64	35.93	33.00	34.82	34.00	23.90	14.10	10.95	8.00	10.40
5	31.85	36.60	37.50	35.88	32.90	34.82	33.95	22.80	13.80	10.35	8.00	10.35
6	32.20	36.60	37.47	35.80	32.85	34.85	33.90	21.80	13.60	9.80	8.10	10.10
7	32.50	36.65	37.38	35.73	32.80	34.87	33.85	21.00	13.40	9.35	8.20	9.95
8	32.65	36.70	37.43	35.67	32.80	34.87	33.80	20.50	13.30	8.95	8.20	9.75
9	32.80	36.75	37.67	35.61	32.80	34.84	33.75	20.35	13.20	8.75	8.20	9.60
10	33.00	36.80	37.60	35.56	33.00	34.82	33.70	20.35	13.20	8.60	8.25	9.55
11	33.05	36.85	37.60	35.46	33.20	34.79	33.65	20.45	13.30	8.40	8.25	9.50
12	33.20	36.90	37.70	35.44	33.40	34.76	33.60	20.60	13.40	8.35	8.35	9.60
13	33.45	37.05	37.75	35.40	33.75	34.74	33.55	20.60	13.45	8.50	8.45	9.60
14	33.45	37.10	37.85	35.35	34.05	34.72	33.50	20.55	13.50	8.40	8.70	9.45
15	33.45	37.20	37.95	35.25	34.30	34.69	33.50	20.50	13.55	8.20	8.80	9.20
16	33.75	37.30	38.13	35.20	34.55	34.67	33.50	20.40	13.50	8.10	9.20	8.85
17	34.00	37.37	38.20	35.13	34.65	34.64	33.50	20.25	13.35	8.05	9.50	8.50
18	34.25	37.45	38.23	35.10	34.75	34.60	33.47	20.10	13.15	8.10	9.80	8.10
19	34.45	37.52	38.27	35.10	34.80	34.55	33.44	19.85	12.85	8.15	10.10	7.70
20	34.60	37.57	38.32	34.95	34.85	34.50	33.39	19.45	12.60	8.20	10.40	7.35
21	34.90	37.62	38.18	34.92	34.90	34.47	33.29	19.05	12.40	8.20	10.60	6.90
22	35.15	37.64	37.30	35.00	34.95	34.44	33.17	18.65	12.35	8.20	10.35	6.60
23	35.25	37.70	37.02	34.90	34.97	34.40	32.94	18.25	12.80	8.35	10.00	6.30
24	35.40	37.75	36.92	34.80	35.00	34.35	32.66	17.95	13.45	8.55	10.10	6.00
25	35.50	37.90	36.84	34.70	35.03	34.30	32.34	17.65	14.10	8.75	11.20	5.90
26	35.65	37.93	36.75	34.60	35.06	34.28	32.01	17.40	14.55	8.80	11.30	6.20
27	35.75	38.00	36.66	34.37	35.02	34.25	31.51	17.20	14.60	8.60	11.30	6.75
28	35.90	38.15	36.50	34.20	34.99	34.23	30.95	16.95	14.40	8.40	11.30	7.45
29	36.00		36.42	34.05	34.99	34.23	30.20	16.65	14.00	8.35	11.30	8.20
30	36.10		36.35	33.78	34.95	34.20	29.40	16.30	13 35	8.30	11.20	8.90

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	10.70	21.20	35.70	34.10	35.10	32.05	34.40	25.35	12.95	4.25	10.85	21.00
2	11.40	22 30	35 80	33.80	35.05	32.15	34.40	24.35	12.65	4.20	10.55	22.20
3	12.20	23.40	35.90	33.60	35.05	32.25	34.40	23.45	12.30	4.50	10.45	23.20
4	12.85	24.50	36.00	33.35	35.05	32.30	34.40	22.55	11.90	4.48	10.55	23.80
5	13.25	25.20	36.10	33.15	35.05	32.40	34.40	21.70	11.45	4.40	10.90	24.10
6	13.60	25.50	36.20	33.05	35.00	32.60	34.40	20.95	11.00	4.55	11.70	24.35
7	13.60	25.90	36.35	33.20	34.95	32.80	34 45	20.40	10.50	4.70	12.90	24.75
8	13.60	26.20	36.35	33.30	34.90	32.95	34.45	20.20	10.05	4.70	14.20	24.75
9	13.80	26.40	36.37	33.50	34.85	33.05	34.45	20.30	9.60	4.70	15.30	24.50
10	14.00	26.60	36.40	33.55	34.80	33.15	34.40	20.45	9.20	4.85	16.10	24.35
11	14.00	26.85	36.47	33.85	34.75	33.20	34.35	20.65	8.95	5.05	16.80	24.35
12	13.70	27.20	36.47	34.10	34.70	33.20	34.27	20.65	8.65	5.30	17.00	24.25
13	13.45	28.00	36.47	34.35	34.65	33.30	34.15	20.65	8.30	5.50	17.00	24.45
14	13.00	28.70	36.47	34.48	34.55	33.30	33.95	20.50	8.00	5.70	16.80	23.90
15	12.55	29.60	36.42	34.65	34.45	33.40	33.60	20.30	7.70	5.95	16.90	23.35
16	12.20	30.60	36.37	34.75	34.30	33.55	33.15	20.10	7.40	6.25	17.10	22.35
17	11.95	31.60	36.35	34.85	34.05	33.70	32.45	19.90	7.15	6.50	17.70	21.35
18	11.90	32.40	36.28	34.93	33.90	33.85	31.70	19.70	6.90	6.80	18.00	20.35
19	11.85	33.05	36 23	34.98	33.35	34.00	30.95	19.30	6.65	7.25	18.20	19.25
20	11.90	33.50	36.12	35.00	32.70	34.10	30.20	18.70	6.35	8.00	18.50	18.25
21	11.95	33.90	36.05	35.00	32.10	34.20	29.55	18.05	6.05	8.50	18.75	17.50
22	12.00	34.30	35.93	35.05	31.75	34.25	29.15	17.60	5.75	8.80	19.00	17.00
23	12.10	34.80	35.80	35.10	30.80	34.35	28.95	17.15	5.50	9.15	19.10	16.50
24	12.40	35.10	35.65	35.15	30.45	34.35	28.90	16.60	5.20	9.55	18.85	16.00
25	12.80	35.35	35.50	35.15	30.30	34.40	28.95	16 25	4.95	9.90	18.15	15.75
26	13.30	35.50	35.35	35.15	30.70	34.35	29.05	15.70	4.75	10.35	18.05	15.60
27	14.05	35.60	35.20	35.15	31.05	34.35	28.80	15.20	4.60	10.85	17.90	15.50
28	15.10	35.65	35.00	35.15	31.20	34.35	28.50	14.60	4.50	11.10	18.40	15.40
29	16.45		34.80	35.15	31.40	34.35	28.05	14.10	4.40	11.30	18.90	15.40
30	18.05		34.60	35.15	31.70	34.45	27.35	13.65	4.30	11.25	19.90	16.50
31	19.65		34.35		31.90		26.35	13.30		11.10		18.00

Mississippi River.—Lake Providence, La., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	20.75	25.10	37.72	37.50	36.50	31.05	23.55	14.80	8.50	5.90	12.20	6.85
2	23.00	25.00	37.72	37.35	36.47	30.10	23.10	14.35	8.35	6.05	12.40	7.35
3	25.00	24.85	37.72	37.27	36.51	29.10	22.70	14.20	8.20	6.68	12.50	7.90
4	26.75	24.75	37.72	37.18	36.54	28.20	22.40	14.30	8.05	7.68	12.40	8.45
5	28.00	24.50	37.75	37.08	36.56	27.50	22.15	14.50	8.10	9.20	12.25	8.90
6	28.50	24.50	37.85	36.98	36.50	26.75	21.90	14.90	8.25	10.70	12.25	8.90
7	29.25	25.10	37.95	36.93	36.50	26.05	21.65	15.20	8.50	12.00	12.10	8.75
8	29.50	26.15	38.05	36.88	36.50	25.40	21.40	15.50	8.80	13.20	11.80	8.45
9	30.00	28.00	38.10	36.78	36.56	25.00	21.20	15.65	9.10	14.10	11.55	7.90
10	30.00	30.00	38.10	36.68	36.52	24.70	21.10	15.70	9.35	14.80	11.20	7.40
11	30.00	31.40	38.10	36.68	36.55	24.50	21.00	15.70	9.35	15.25	10.75	6.85
12	30.00	32.45	38.15	36.68	36.52	24.50	20.85	15.50	9.25	15.55	10.20	6.40
13	29.50	33.30	38.15	36.68	36.50	24.50	20.70	15.30	8.95	15.55	9.80	6.00
14	29.10	34.00	38.05	36.65	36.50	24.35	20.50	15.05	8.50	15.10	9.50	5.60
15	28.85	34.60	37.95	36.70	36.42	24.50	20.35	14.60	8.10	14.60	9.10	5.55
16	28.25	35.20	37.90	36.70	36.35	24.70	20.20	14.10	7.60	14.20	8.75	6.50
17	27.75	35.85	37.85	36.65	36.28	24.95	20.10	13.60	7.25	13.80	8.40	8.00
18	27.00	36.20	37.90	36.65	36.18	25.15	20.00	13.05	6.90	13.50	8.05	9.50
19	26.15	36.60	37.95	36.77	36.10	25.30	19.90	12.50	6.60	13.60	7.70	11.00
20	25.40	36.95	38.10	36.80	35.95	25.30	19.80	12.15	6.45	13.70	7.45	12.10
21	24.90	37.20	38.28	36.80	35.85	25.40	19.10	11.65	6.35	13.90	7.25	12.90
22	24.40	37.40	38.32	36.80	35.90	25.50	18.90	11.25	6.25	13.90	7.05	13.25
23	24.25	37.60	38.40	36.75	35.73	25.50	18.95	10.85	6.15	13.80	6.95	13.50
24	24.50	37.70	38.40	36.72	35.48	25.40	19.00	10.40	6.05	13.40	6.90	13.60
25	25.00	37.80	38.30	36.69	35.25	25.25	19.00	10.00	6.00	13.40	6.80	13.40
26	25.30	37.45	38.26	36.60	34.90	25.05	18.80	9.60	6.00	13.10	6.80	13.10
27	25.40	37.58	38.17	36.58	34.50	24.75	18.38	9.20	6.00	12.90	6.70	12.60
28	25.50	37.65	38.08	36.55	33.90	24.45	17.70	9.00	5.90	12.60	6.60	12.00
29	25.50	37.72	37.95	36.50	33.35	24.15	16.90	8.95	5.80	12.35	6.60	11.80
30	25.50		37.85	36.50	32.72	23.85	16.00	8.90	5.80	12.15	6.60	11.90
31	25.30		37.65		31.90		15.30	8.70		12.00		12.50

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.10	12.90
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.30	12.50
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.30	11.90
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.10	12.00
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.40	12.20
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.90	12.50
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.50	12.90
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.10	13.30
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.10	13.70
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.80	14.20
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.70	14.90
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.50	15.60
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.20	16.90
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	18.30
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	20.50
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.00	22.50
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.00	24.40
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	26.40
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.30	28.30
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.60	29.00
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.10	29.80
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.70	30.30
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.30	30.70
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.40	30.70
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.50	30.40
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.30	30.30
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.90	30.00
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.30	13.30	29.90
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.50	13.80	29.60
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.80	13.50	30.10
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.30		31.50

Mississippi River.—Refuge, Miss., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	32.60	39.40	39.70	42.10	38.00	21.70	25.90	21.80	8.80	7.10	4.00	6.20
2	33.20	38.80	39.90	42.10	37.70	21.30	26.50	21.00	9.10	7.10	3.90	5.70
3	34.10	38.60	40.00	42.10	37.50	21.20	27.30	20.20	9.50	7.10	3.80	5.20
4	34.80	38.00	40.20	42.10	37.50	21.30	27.70	19.40	9.80	7.10	3.70	4.80
5	35.30	36.60	40.40	42.00	37.60	21.80	28.10	18.40	10.20	7.10	3.60	4.80
6	35.80	34.50	40.80	42.00	37.70	22.30	28.30	17.50	10.80	7.10	3.50	5.30
7	36.30	33.30	41.10	41.90	37.80	22.90	28.50	16.30	11.50	7.10	5.70	6.50
8	36.90	31.80	41.30	41.80	37.90	23.80	28.70	15.50	12.00	7.30	6.20	8.60
9	37.10	31.00	41.50	41.70	38.10	24.40	29.30	14.80	12.50	7.50	7.00	11.10
10	37.20	29.50	41.60	41.60	38.30	25.00	30.80	14.30	12.90	7.70	7.80	13.50
11	37.40	28.90	41.70	41.40	38.50	25.40	31.90	13.80	13.30	7.90	8.60	17.30
12	37.50	27.80	41.80	41.30	38.70	25.60	32.80	13.40	13.70	8.10	9.10	20.10
13	37.60	26.70	41.80	41.20	38.70	25.60	33.50	13.10	14.10	8.30	9.50	22.60
14	37.80	26.30	41.90	41.10	38.70	25.60	34.30	12.70	14.50	8.40	9.90	25.00
15	38.10	25.70	41.90	40.90	38.60	25.40	34.50	12.40	14.70	8.50	10.30	26.50
16	38.40	25.80	42.00	40.70	38.70	25.00	34.60	12.20	14.60	8.60	10.80	28.80
17	38.70	26.90	42.00	40.60	38.70	24.60	34.70	12.00	14.30	8.50	11.30	30.80
18	38.90	29.50	42.10	40.50	38.00	24.30	34.50	11.80	13.70	8.10	11.70	31.90
19	39.00	31.50	42.20	40.30	36.50	23.90	33.70	11.60	12.90	7.60	12.10	31.80
20	39.10	33.40	42.20	40.10	35.20	23.50	32.80	11.40	12.00	7.10	12.60	31.30
21	39.30	34.80	42.20	39.80	33.70	22.90	32.00	11.20	11.00	6.60	12.70	29.80
22	39.50	35.80	42.20	39.50	32.40	22.70	31.50	10.90	9.30	6.20	12.30	28.00
23	39.70	36.80	42.30	39.30	30.60	22.50	30.90	10.80	8.40	6.00	11.60	25.30
24	39.90	37.40	42.30	39.10	29.20	22.30	30.30	10.50	7.80	5.60	10.50	22.40
25	40.00	37.90	42.30	38.90	27.50	22.00	29.70	10.10	7.60	5.20	9.60	19.90
26	40.00	38.30	42.30	38.80	26.40	21.80	28.90	9.70	7.50	4.70	8.90	18.60
27	40.00	38.70	42.30	38.70	25.50	22.00	27.90	9.30	7.40	4.50	8.40	17.60
28	40.00	39.10	42.20	38.60	24.60	22.90	26.70	8.90	7.30	4.30	7.90	16.50
29	40.00	39.50	42.20	38.50	23.60	24.20	25.00	8.40	7.20	4.20	7.40	15.20
30	39.80		42.20	38.40	23.10	25.40	23.90	8.30	7.20	4.10	6.60	14.30
31	39.60		42.20		22.60		22.70	8.40		4.00		13.20

Mississippi River.—Refuge, Miss., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	12.00	31.90	40.50	39.60	41.10	38.10	30.80	20.90	5.90	6.40	23.70	35.70
2	11.30	32.30	40.50	39.70	41.10	37.40	30.30	20.20	5.50	6.70	23.90	35.80
3	10.60	32.50	40.50	39.80	41.20	36.40	29.90	19.40	5.30	7.10	23.80	36.10
4	10.00	32.50	40.70	39.80	41.20	35.70	29.30	18.70	5.10	7.60	23.50	36.50
5	9.60	31.90	40.90	39.80	41.30	34.70	28.60	17.90	5.00	7.90	23.40	36.70
6	9.20	31.40	41.00	39.80	41.30	33.40	28.30	17.40	4.90	8.40	23.10	37.00
7	8.80	30.60	41.10	39.80	41.30	31.60	28.20	16.90	4.80	9.00	23.20	37.20
8	8.40	29.80	41.10	39.80	41.30	30.40	28.10	16.40	4.70	9.50	23.70	37.50
9	8.00	28.90	41.20	39.70	41.30	29.50	28.10	16.00	4.60	10.00	24.10	37.00
10	7.60	27.00	41.20	39.70	41.50	28.80	28.10	15.70	4.50	10.50	24.40	36.30
11	7.10	26.10	41.10	39.70	41.50	28.30	27.90	15.10	4.40	11.30	24.70	35.00
12	6.50	25.80	41.00	39.60	41.60	27.70	27.60	14.80	4.30	12.10	24.90	33.50
13	5.90	26.20	40.90	39.60	41.70	26.90	27.30	14.50	4.20	12.90	25.70	32.00
14	5.40	27.40	40.70	39.50	41.70	26.00	26.90	14.10	4.10	13.90	26.00	28.50
15	5.00	29.10	40.40	39.50	41.80	25.50	26.30	13.70	4.00	15.30	26.30	26.50
16	4.90	31.10	39.90	39.50	41.90	25.10	24.90	13.30	3.90	16.60	26.80	25.30
17	5.60	32.40	39.40	39.60	42.00	24.70	23.60	12.80	3.80	18.00	27.00	24.30
18	7.70	34.10	39.00	39.60	42.00	24.50	22.70	12.40	3.80	19.50	27.30	23.40
19	10.50	36.20	38.60	39.70	42.00	24.60	21.90	12.00	3.70	19.90	28.30	22.40
20	13.50	37.90	38.50	39.80	41.90	24.90	21.30	11.60	3.60	19.80	29.30	21.10
21	15.80	39.00	38.40	39.90	41.80	25.70	20.80	11.20	3.60	19.70	30.10	20.10
22	17.30	39.50	38.30	40.10	41.70	26.40	20.50	10.60	3.70	19.50	30.70	19.10
23	18.40	39.70	38.30	40.20	41.50	27.30	20.10	9.80	4.00	19.30	31.50	18.10
24	19.60	40.00	38.40	40.30	41.30	28.30	19.90	9.40	4.20	19.10	32.20	18.10
25	20.50	40.20	38.50	40.40	41.00	29.30	19.90	8.90	4.40	18.90	33.10	20.70
26	23.00	40.50	38.90	40.60	40.80	30.20	20.00	8.50	4.70	19.00	33.50	22.80
27	25.30	40.50	39.10	40.70	40.40	30.80	20.20	8.00	5.10	19.50	34.00	24.60
28	27.60	40.50	39.20	40.80	40.00	31.20	20.50	7.50	5.30	20.30	34.50	26.90
29	29.30		39.30	40.90	39.60	31.30	21.00	7.10	5.60	21.50	34.80	28.70
30	30.40		39.40	41.00	39.00	31.20	21.30	6.70	6.00	22.70	35.20	30.50
31	31.20		39.50		38.60		21.30	6.40		23.50		32.10

Mississippi River.—Wilson's Point, La., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	22.12	25.55	37.42	37.04	36.45	30.75	24.20	16.18	9.83	7.28	13.75	7.73
2	24.25	25.35	37.37	36.93	36.45	29.80	23.85	15.85	9.73	7.55	13.88	8.45
3	25.95	25.22	37.37	36.85	36.45	28.90	23.60	15.90	9.55	8.30	13.92	9.05
4	27.25	25.05	37.40	36.78	36.50	28.10	23.35	16.05	9.45	9.60	13.80	9.58
5	28.15	24.95	37.50	36.72	36.48	27.30	23.10	16.27	9.65	11.20	13.68	9.73
6	28.90	25.00	37.52	36.70	36.48	26.65	22.85	16.63	9.85	12.80	13.55	9.63
7	29.42	25.73	37.64	36.64	36.45	26.05	22.78	17.00	10.10	14.40	13.32	8.50
8	29.70	26.92	37.72	36.59	36.45	25.60	22.73	17.82	10.40	15.25	13.23	8.25
9	29.82	28.65	37.72	36.52	36.45	25.30	22.77	17.70	10.70	16.05	12.90	7.60
10	29.85	30.22	37.72	36.51	36.48	25.13	22.50	17.70	10.95	16.65	12.65	8.20
11	29.80	31.38	37.77	36.47	36.50	25.10	22.30	17.00	10.98	17.05	11.95	7.70
12	29.65	32.38	37.74	36.47	36.50	25.13	22.10	16.90	10.77	17.20	11.35	7.20
13	29.40	33.12	37.72	36.47	36.50	25.15	21.85	16.82	10.40	16.97	11.00	6.80
14	29.05	33.75	37.71	36.50	36.45	25.18	21.75	16.50	9.95	16.65	10.48	6.50
15	28.70	34.27	37.65	36.56	36.45	25.20	21.68	16.05	9.45	16.15	10.10	6.75
16	28.23	34.79	37.58	36.54	36.40	25.20	21.63	15.55	8.90	15.63	9.75	7.90
17	27.62	35.22	37.52	36.52	36.30	25.40	21.53	15.05	8.50	15.30	9.35	9.55
18	26.95	35.57	37.57	36.52	36.22	25.67	21.43	14.53	8.23	15.18	9.00	11.20
19	26.25	35.84	37.55	36.70	36.12	25.90	21.30	14.03	7.95	15.20	8.67	12.70
20	25.55	36.07	37.63	36.70	36.00	26.08	21.00	13.52	7.78	15.33	8.40	13.80
21	25.02	36.34	37.75	36.72	35.95	26.20	20.60	13.00	7.68	15.40	8.18	14.50
22	24.70	36.57	37.77	36.72	35.92	26.28	20 33	12.47	7.60	15.40	8.00	14.80
23	24.70	36.77	37.81	36.70	35.75	26.20	20.30	12.02	7.52	15.28	.....	14.93
24	24.90	36.90	37.74	36.64	35.53	26.05	20.30	11.65	7.45	15.10	7.80	14.90
25	25.15	36.99	37.69	36.62	35.17	25.95	20.22	11.15	7.40	14.85	7.78	14.63
26	25.42	37.15	37.61	36.57	34.88	25.75	20.05	10.70	7.40	14.60	7.68	14.18
27	25.65	37.24	37.53	36.54	34.42	25.50	19.60	10.47	7.38	14.35	7.58	13.63
28	25.82	37.32	37.48	36.52	33.85	25.15	19.00	10.40	7.28	14.00	7.50	13.10
29	25.90	37.35	37.38	36.53	33.20	24.83	18.23	10.32	7.25	13.75	7.45	12.90
30	25.85		37.25	36.48	32.45	24.55	17.45	10.20	7.20	13.58	7.45	13.10
31	25.72		37.15		31.60		16.65	10.00		13.58		14.70

Mississippi River, Greenville, Miss. 1899

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	39.38	41.59	40.57	36.58	40.22	36.92	.....	.....	.....	.....	.....
2	.....	39.48	41.52	40.53	36.43	40.30	.....	.....	.....	.....	.....	.....
3	.....	39.58	41.44	40.47	36.25	40.42	.....	.....	.....	.....	.....	.....
4	.....	39.66	41.32	40.37	35.90	40.41	.....	.....	.....	.....	.....	11.36
5	.....	39.80	41.32	40.30	35.68	40.31	.....	.....	.....	.....	.....	.....
6	.....	39.94	41.34	40.26	35.45	40.20	.....	.....	.....	.....	.....	11.05
7	.....	40.02	41.28	40.16	35.60	40.20	.....	.....	.....	.....	.....	.....
8	.....	40 14	41.22	40.07	35.90	40.16	.....	.....	.....	.....	.....	10.75
9	.....	40.27	41.25	.....	36.30	40.08	.....	.....	.....	.....	.....	10.68
10	.....	40.37	41.28	.....	36.60	39.99	.....	.....	.....	.....	.....	10.65
11	.....	40 53	41.24	.....	36.85	39.88	.....	.....	.....	.....	.....	10.72
12	.....	40.60	41.20	.....	37.17	39.80	.....	.....	.....	.....	.....	10.75
13	.....	40.68	41.23	.....	37.43	39.74	.....	.....	.....	.....	.....	10.75
14	.....	40.77	41.28	.....	37.60	39.64	.....	.....	.....	.....	.....	10.40
15	.....	40.87	41.34	.....	37.85	39.50	.....	.....	.....	.....	.....	10.05
16	.....	41.04	41.38	.....	38.10	39.36	.....	.....	.....	.....	.....	9.68
17	.....	41.18	41.44	.....	38.20	39.26	.....	.....	.....	.....	.....	9.35
18	.....	41.27	41 39	.....	38.32	39.17	.....	.....	.....	.....	.....	8.88
19	.....	41.35	41.33	.....	38.50	39.05	.....	.....	.....	.....	.....	8.55
20	.....	41.42	41.30	.....	38.80	38.80	.....	.....	.....	.....	.....	8.35
21	.....	41.45	41.30	.....	38.88	38.56	.....	.....	.....	.....	.....	7.95
22	.....	41.39	41.22	.....	39.13	38.38	.....	.....	.....	.....	.....	7.55
23	.....	41.36	41.13	38.23	39.16	38.18	.....	.....	.....	.....	.....	7.35
24	.....	41.40	41.06	38.06	39.27	37.98	.....	.....	.....	.....	.....	7.35
25	.....	41.47	41.02	37.85	39.34	37.96	.....	.....	.....	.....	.....	7.40
26	.....	41.62	40.97	37.63	39.47	37.89	.....	.....	.....	.....	.....	7.80
27	.....	41.68	40.91	37.40	39.63	37.82	.....	.....	.....	.....	.....	8.50
28	.....	41.66	40.82	37.18	39.80	36.68	.....	.....	.....	.....	.....	9.15
29	.....		40.72	37.03	39.84	36.71	.....	.....	.....	.....	.....	9.85
30	.....		40.65	36.78	39.91	36.87	.....	.....	.....	.....	.....	10.50
31	.....		40.61		39.98		.....	.....	.....	.....	.....	11.45

Mississippi River.—Greenville, Miss., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	12.65	24.70	39.55	35.20	38.25	33.45	37.60	25.25	13.50	5.88	11.85	24.42
2	13.40	26.20	39.75	34.70	38.35	33.55	37.60	24.20	13.17	5.80	11.68	25.48
3	14.10	27.25	39.95	34.20	38.40	33.65	37.60	23.40	12.72	5.72	11.78	26.35
4	14.55	27.75	40.15	33.90	38.40	33.85	37.60	22.55	12.35	5.62	12.20	26.80
5	14.90	28.15	40.20	33.65	38.40	34.05	37.60	21.75	11.90	5.70	12.85	27.08
6	15.00	28.40	40.20	33.65	38.40	34.30	37.60	21.30	11.52	5.88	14.02	27.02
7	15.00	28.55	40.25	33.95	38.40	34.50	37 60	21.10	11.10	5.95	15.50	27.20
8	15.30	28.80	40.30	34.15	38.40	34.85	37.55	21.30	10.68	5.95	16.92	27.02
9	15.25	29.05	40.35	34.55	38.30	35.15	37.50	21.65	10.32	6.05	18.00	26.80
10	15.30	29.35	40.40	35.00	38.30	35.25	37.40	21.85	9.98	6.22	18.60	26.75
11	15.15	29.60	40.40	35.40	38.30	35.30	37.15	21.90	9.70	6.30	19.00	26.92
12	14.85	30.20	40.40	35.90	38.20	35.40	36.95	21.85	9.45	6.45	18.95	26.85
13	14.40	31.05	40.35	36.30	38.10	35.55	36.60	21.72	9.25	6.62	18.75	26.45
14	14.00	31.80	40.30	36.55	37.85	35.65	36.05	21.45	9.00	6.85	18.72	25.68
15	13.50	32.85	40.30	36.80	37.65	35.85	35.20	21.20	8.75	7.10	19.02	24.68
16	13.10	33.75	40.15	37.00	37.25	36.05	34.25	20.95	8.50	7.35	19.48	23.48
17	13.10	34.70	40.05	37.25	36.60	36.05	33.00	20.75	8.25	7.60	19.85	22 25
18	13.10	34.85	40.10	37.35	35.75	36.30	32.05	20.30	8.05	8.22	20.12	21.10
19	13.00	36.00	39.90	37.45	34.75	36.65	31.35	19.50	7.80	8.88	20.48	20.10
20	13.00	36.60	39.90	37.50	33.80	36.90	30.60	18.85	7.55	9.42	20.82	19.32
21	13.00	37.30	39.90	37.50	33.05	37.30	30.10	18.20	7.28	9.78	21.12	18.75
22	13.05	37.85	39.65	37.65	31.30	37.35	30.00	17.75	7.05	10.18	21.18	18.15
23	13.35	38.30	39.30	37.70	30.75	37.45	30.05	17.35	6.85	10.55	20.85	17.78
24	13.90	38.70	38.95	37.80	30.70	37.50	30.25	17.00	6.60	10.95	20.42	17.52
25	14.55	38.85	38.60	37.85	30.75	37.50	30.20	16 60	6.40	11.32	19.88	17.28
26	15.35	39.05	38.25	37.90	31.55	37.50	30.05	16.05	6.28	11.88	19.80	17.20
27	16.05	39.25	37.90	37.90	32.20	37.50	29.75	15.45	6.20	12.25	20.20	17.12
28	17.20	39.45	37.45	37.90	32.70	37.60	29.25	14.92	6.10	12.38	20.88	17.25
29	18.95		36.85	37.90	33.20	37.60	28.45	14.48	6.02	12.48	21.72	17.88
30	21.00		36.40	38.15	33.15	37.60	27.45	14.12	5.92	12.40	23.00	19.68
31	23.00		35.85		33.35		26.35	13.79		12.15		22.48

Mississippi River.—Greenville, Miss., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	25.55	27.10	40.83	39.12	39.00	30.75	25.28	16.72	10.55	8.28	15.05	9.48
2	27.58	26.75	40.80	39.02	38.98	29.70	24.92	16.55	10.38	8.78	15.10	10.02
3	29.25	26.55	40.80	39.00	38.95	28.68	24.65	16.70	10.28	9.80	15.02	10.70
4	30.48	26.45	40.83	39.00	38.95	27.78	24.42	16.95	10.30	11.32	14.85	11.08
5	31.30	26.33	40.93	38.95	38.88	26.98	24.20	17.32	10.45	12.98	14.78	11.30
6	31.88	26.58	40.95	38.95	38.85	26.35	24.00	17.75	10.72	14.60	14.65	11.12
7	32.22	27.85	41.05	38.92	38.85	25.83	23.88	18.02	11.00	15.92	14.45	10.72
8	32.52	29.75	41.10	38.88	38.85	25.70	23.78	18.28	11.32	16.90	14.10	10.15
9	32.52	31.85	41.00	38.85	38.99	25.68	23.65	18.30	11.60	17.65	13.65	9.62
10	32.42	33.43	40.95	38.88	39.05	25.68	23.48	18.20	11.72	18.32	13.15	9.02
11	32.22	34.63	40.95	38.92	39.05	25.78	23.28	18.05	11.65	18.65	12.68	8.58
12	31.90	35.80	40.90	38.95	39.05	25.88	23.08	17.90	11.30	18.55	12.15	8.22
13	31.35	36.53	40.83	39.00	39.02	25.90	22.98	17.60	10.90	18.18	11.75	7.90
14	31.10	37.20	40.78	39.10	38.98	25.98	22.90	17.20	10.42	17.62	11.30	7.82
15	30.32	37.80	40.68	39.15	38.88	26.10	22.90	16.65	9.95	17.02	10.88	8.50
16	29.40	38.43	40.52	39.15	38.78	26.35	22.82	16.08	9.52	16.58	10.50	9.90
17	28.85	38.85	40.38	39.18	38.68	26.70	22.70	15.52	9.18	16.32	10.18	11.62
18	28.30	39.35	40.32	39.28	38.50	27.00	22.50	15.00	8.90	16.32	9.85	13.30
19	27.38	39.73	40.15	39.42	38.38	27.23	22.20	14.52	8.70	16.45	9.55	14.70
20	26.60	39.95	39.98	39.45	38.22	27.38	21.80	13.98	8.52	16.58	9.35	15.70
21	26.12	40.15	39.88	39.48	38.08	27.40	21.48	13.42	8.42	16.65	9.18	16.30
22	25.95	40.38	39.80	39.50	38.02	27.48	21.35	12.92	8.40	16.58	9.08	16.50
23	26.28	40.53	39.75	39.48	37.75	27.48	21.52	12.50	8.32	16.42	9.05	16.55
24	26.55	40.63	39.62	39.42	37.45	27.38	21.60	12.08	8.25	16.18	9.02	16.45
25	27.00	40.73	39.52	39.38	36.92	27.20	21.45	11.70	8.20	15.90	8.95	16.08
26	27.35	40.83	39.42	39.28	36.35	26.92	20.95	11.40	8.18	15.58	8.85	15.48
27	27.60	40.85	39.35	39.20	35.65	26.60	20.22	11.22	8.12	15.28	8.75	14.70
28	27.75	40.93	39.32	39.15	34.82	26.32	19.40	11.20	8.05	14.95	8.75	14.00
29	27.72	40.90	39.22	39.10	33.88	25.95	18.50	11.12	8.02	14.75	8.82	13.85
30	27.55		39.20	39.05	32.88	25.65	17.70	10.95	8.08	14.65	9.02	14.75
31	27.28		39.18		31.80		17.10	10.75		14.82		17.38

Mississippi River.—Arkansas City, Ark., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.06
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.02
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.00
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.01
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.06
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.56
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.50
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.95
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.30
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.95
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15.90
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.25
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.30
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.55
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.45
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.30
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.30
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.00
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.25
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.30
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.95
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30.40
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30.85
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30.85
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30 50
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.04	30.15
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.01	29.49
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.04	29.70
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.05	30.20
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.01	30.95
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		31.95

Mississippi River. Arkansas City, Ark., 1888.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	33.05	40.15	41.55	44.85	38.55	21.60	26.85	20.80	8.90	8.13	6.98	10.65
2	33.90	38.75	42.00	44.90	38.25	21.50	27.50	20.00	9.20	7.88	6.50	9.85
3	34.75	37.45	42.30	44.85	38.10	21.55	27.90	19.25	9.70	7.78	6.08	9.43
4	35.45	35.75	42.60	44.80	38.25	21.90	28.15	18.60	10.20	7.70	5.90	9.08
5	36.05	35.25	43.20	44.75	38.45	22.55	28.20	17.55	10.20	7.70	6.03	9.10
6	36.65	33.95	43.60	44.60	38.55	23.50	28.40	16.55	11.30	7.70	6.65	10.00
7	37.10	32.05	43.95	44.50	38.85	24.35	28.85	15.80	12.27	7.78	7.25	11.50
8	37.50	30.05	44.10	44.35	39.05	25.20	29.70	14.45	12.60	7.92	7.90	13.80
9	37.80	28.00	44.15	44.15	39.25	25.45	30.80	14.00	12.87	8.00	8.40	16.20
10	38.05	26.40	44.25	43.95	39.45	26.15	31.90	13.60	13.30	8.45	8.75	19.00
11	38.25	24.95	44.40	43.75	39.65	26.35	32.90	13.10	13.77	8.65	9.15	21.05
12	38.45	23.80	44.55	43.55	39.80	26.50	33.80	12.75	.....	8.78	9.95	23.40
13	38.75	22.90	44.60	43.35	39.85	26.45	34.40	12.40	14.35	8.80	10.50	25.80
14	38.95	22.50	44.65	43.15	39.85	26.05	34.80	12.15	14.52	8.73	11.40	27.70
15	39.25	22.75	44.85	42.85	39.60	25.50	35.08	12.05	14.62	8.55	12.95	29.15
16	39.55	24.10	44.90	42.65	39.25	25.10	35.20	11.82	14.70	8.30	14.50	30.70
17	39.90	25.35	44.90	42.30	38.65	24.70	35.15	11.68	14.55	7.90	15.85	30.90
18	40.20	27.85	45.00	42.00	37.60	24.35	34.42	11.58	14.20	7.50	16.60	30.85
19	40.45	31.75	45.00	41.75	36.35	24.10	34.05	11.45	13.50	7.15	17.00	30.45
20	40.70	35.50	45.05	41.40	35.10	23.65	33.40	11.23	12.88	6.98	17.15	29.40
21	41.05	37.20	45.10	41.00	34 00	23.00	32.55	10.90	12.12	7.03	16.80	27.65
22	41.25	38.05	45.10	40.70	31.90	22.60	31.55	10.60	11.40	7.13	16.35	26.05
23	41.45	38.35	45.10	40.35	30.45	22.10	30.55	10.33	10.65	7.30	15.70	24.05
24	41.65	38.70	45.10	40.15	29.00	21.85	29.25	9.98	10.20	7.15	14.95	21.90
25	41.80	39.10	45.10	39.95	27.65	22.05	29.50	9.60	9.83	6.95	14.35	19.70
26	41.80	39.65	45.10	39.85	26.00	22.65	27.95	9.18	9.70	7.05	13.60	18.45
27	41.90	40.25	45.05	39.60	24.95	23.40	25.65	8.70	9.35	7.20	12.50	17.45
28	41.80	40.85	45.00	39.40	24.20	24.30	24.55	8.30	9.08	7.45	12.20	16.45
29	41.65	41.10	45.00	39.25	23.35	25.40	23.55	7.98	8.70	7.60	11.90	15.45
30	41.40		45.00	38.90	22.65	26.10	22.55	7.80	8.33	7.45	11.40	14.40
31	40.95		44.95		21.95		21.65	8.28		7.25		13.40

Mississippi River.—Arkansas City, Ark., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	12.45	32.40	42.45	40.97	43.05	38.70	31.60	20.35	5.75	8.00	24.50	35.20
2	12.20	32.85	42.65	41.07	43.18	37.75	31.15	19.60	5.45	8.65	24.50	35.20
3	11.25	32.85	42.85	41.10	43.22	36.75	30.62	18.75	5.30	8.70	24.35	35.25
4	10.25	32.60	43.05	41.10	43.30	35.70	30.13	17.80	4.85	8.70	24.15	35.25
5	9.10	32.05	43.05	41.10	43.35	34.50	29.80	17.35	4.65	9.15	24.00	35.20
6	8.05	30.95	43.22	41.10	43.35	33.30	29.50	15.90	4.45	9.45	23.75	35.05
7	5.85	30.00	43.30	41.10	43.42	32.10	29 25	15.20	4.25	10.05	23.60	34.70
8	4.20	28.80	43.30	41.07	43.48	30.87	29.15	14.65	4.10	10.60	23.65	34.15
9	3.35	27.45	43.27	41.05	43.62	29.85	29.10	14.20	3.90	13.85	23.95	33.45
10	2.85	26.15	43.15	40.92	43.70	28.85	29.05	13.80	3.80	15.65	24.30	32.40
11	2.25	25.50	42.95	40.83	43.75	28.15	28.65	13.40	3 65	17.45	24.75	31.15
12	1.95	24.90	42.72	40.77	43.85	27.55	28.45	13.05	3.50	18.50	25.35	29.60
13	1.93	25.45	42.32	40.70	44.05	26.88	27.90	12.80	3.45	19.15	25.75	28.15
14	1.80	26.90	41.90	40.70	44.13	26.18	27.10	12.45	3.40	19.60	25.95	26.75
15	2.00	28.80	41.29	40.70	44.20	25.58	26.00	11.90	3.45	19.95	26.15	25.45
16	2.55	31.35	40.88	40.73	44.20	25.18	24.65	11.30	3.50	20.10	26.65	24.20
17	3.65	33.75	40.37	40.83	44.30	25.05	23.35	10.65	3.50	20.20	27.35	23 05
18	5.25	35.80	39.87	40.90	44.30	25.28	21.85	9.90	3.55	20.20	28.15	22.25
19	7.10	37.15	39.37	41.07	44.20	25.72	20.75	9.25	3.65	20.15	29.25	21.85
20	9.45	37.95	39.00	41.20	44.05	26.40	20.00	8.65	3.85	19.95	30.15	21.95
21	11.75	38.75	38.95	41.37	43.93	27.25	19.60	8.20	4.05	19.75	31.00	22.45
22	14.45	39.30	38.95	41.52	43.80	28.30	19.80	7.80	4.40	19.60	31.65	23.40
23	17.30	39.85	39.05	41.75	43.52	29.40	20.15	7.45	4.85	19.50	32.35	24.95
24	19.75	40.65	39.25	41.95	43.22	30.35	20.40	7.25	5.45	19.55	32.95	26.55
25	21.95	41.15	39.45	42.20	42.90	31.10	20.50	7.05	5.95	19.80	33.55	28.30
26	24.15	41.60	39.67	42.45	42.45	31.85	20.45	6.85	6.40	20.40	34.15	30.50
27	26.35	41.92	40.00	42.57	41.95	32.28	20.75	6.65	6.50	21.30	34.60	31.45
28	28.30	42.20	40.20	42.75	41.35	32.45	20.90	6.45	6.60	22.45	34.95	33.10
29	29.70		40.45	42.88	40.75	32.30	21.00	6.30	6.70	23.35	35.15	34.40
30	30.70		40.65	42.93	40.00	32.00	20.90	6.15	7.20	24.20	35.20	35.45
31	31.65		40.85		39.35		20.75	5.95		24.45		36.25

Mississippi River.—Arkansas City, Ark., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	36.80	43.65	46.30	43.80	38.70	42.50	40.90	30.25	15.20	12.85	9.50	13.35
2	37.25	43.75	45.95	43.70	38.45	42.50	40.80	29.10	14.80	12.20	9.40	13.15
3	37.70	43.95	45.80	43.60	38.25	42.40	40.70	27.85	14.40	11.55	9.50	12.95
4	37.95	44.10	45.65	43.50	37.95	42.40	40.60	26.50	14.15	10.95	9.60	12.65
5	38.20	44.15	45.50	43.35	37.75	42.40	40.50	25.25	13.95	10.50	9.60	12.45
6	38.55	44.20	45.50	43.30	37.55	42.40	40.40	24.25	13.80	10.10	9.75	12.25
7	38.75	44.20	45.50	43.25	37.65	42.40	40.30	23.35	13.80	9.70	9.70	12.05
8	38.95	44.35	45.50	43.15	37.75	42.40	40.20	22.60	13.80	9.55	9.80	11.90
9	39.00	44.55	45.60	43.10	37.85	42.40	40.10	22.45	13.95	9.55	9.90	11.80
10	39.15	44.65	45.55	43.05	38.40	42.30	40.10	22.70	14.15	9.80	10.00	11.80
11	39.20	44.80	45.45	42.85	38.85	42.20	40.10	23.25	14.35	9.80	10.00	11.90
12	39.35	44.95	45.40	42.80	39.65	42.10	40.20	23.80	14.65	9.80	10.15	12.00
13	39.50	45.25	45.40	42.70	40.05	42.00	40.20	24.25	14.80	9.65	10.45	11.85
14	39.65	45.50	45.40	42.45	40.65	42.00	40.20	24.20	14.65	9.50	10.75	11.60
15	39.85	45.60	45.25	42.30	41.20	41.90	40.20	24.05	14.45	9.50	11.05	11.05
16	40.10	45.75	45.20	42.15	41.60	41.80	40.20	23.85	14.25	9.50	11.35	10.45
17	40.35	45.85	45.10	41.90	41.85	41.80	40.10	23.65	14.10	9.40	11.85	9.90
18	40.70	46.00	45.05	41.90	42.05	41.80	40.00	23.25	14.00	9.40	12.40	9.45
19	41.00	46.05	44.90	41.75	42.35	41.80	39.90	22.75	13.90	9.40	12.65	8.90
20	41.40	46.10	44.85	41.55	42.40	41.70	39.80	22.50	13.80	9.45	12.85	8.50
21	41.65	46.15	44.75	41.50	42.50	41.60	39.70	21.75	13.70	9.65	13.15	8.10
22	41.90	46.45	44.55	41.55	42.55	41.50	39.15	21.10	13.90	9.95	13.45	7.85
23	42.10	46.50	44.50	41.35	42.65	41.40	38.55	20.85	15.05	10.35	13.70	7.55
24	42.35	46.50	44.40	41.20	42.75	41.30	37.90	20.50	16.00	10.50	13.65	7.55
25	42.55	46.60	44.30	40.95	42.80	41.20	37.20	20.10	16.55	10.45	13.60	7.95
26	42.70	46.75	44.30	40.65	42.80	41.20	36.40	19.65	16.70	10.20	13.60	8.75
27	42.95	46.95	44.20	40.30	42.75	41.20	35.50	19.00	16.30	10.00	13.80	9.65
28	43.05	47.00	44.10	39.90	42.70	41.20	34.75	17.95	15.40	9.90	13.90	10.65
29	43.25		44.05	39.50	42.60	41.10	33.80	17.30	14.60	9.90	13.80	11.55
30	43.45		43.95	39.10	42.50	41.00	32.40	16.50	13.80	9.80	13.60	12.65
31	43.55		43.90		42.50		31.25	15.75		9.60		13.70

Mississippi River.—Arkansas City, Ark., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	14.85	27.85	44.35	38.75	43.20	37.35	42.20	27.75	14.03	4.45	12.65	27.55
2	15.80	29.25	44.65	38.15	43.20	37.50	42.30	26.75	13.60	4.35	12.50	28.55
3	16.50	30.20	44.85	37.65	43.20	37.65	42.30	25.75	13.10	4.25	12.75	29.15
4	16.95	30.80	45.05	37.25	43.20	37.90	42.30	24.75	12.60	4.25	13.35	29.60
5	17.10	31.10	45.25	37.10	43.20	38.25	42.30	23.90	12.05	4.45	14.25	30.00
6	17.20	31.35	45.60	37.25	43.20	38.55	42.30	23.45	11.55	4.65	15.60	30.00
7	17.10	31.55	45.90	37.60	43.20	38.90	42 30	23.35	10.95	4.70	17.60	30.00
8	17.25	31.85	46.00	37.90	43.20	39.15	42.30	23.75	10.50	4.85	19.35	29.80
9	17.45	32.05	46.10	38.45	43.20	39.35	42.25	24.15	10.05	5.05	20.40	29.50
10	17.45	32.25	46.20	39.05	43.20	39.40	42.05	24.25	9.60	5.25	20.90	29.55
11	17.10	32.70	46.32	39.60	43.10	39.50	41.85	24.30	9.25	5.40	21.30	29.75
12	16.80	33.55	46.30	40.10	43.00	39.50	41.45	24.25	9.05	5.55	21.25	29.75
13	16.30	34.45	46.30	40.60	42.85	39.55	40.85	24.00	8.70	5.75	21.00	29.30
14	15.50	35.35	46.30	41.00	42.55	39.80	40.05	23.75	8.30	6.10	20.80	28.50
15	15.10	36.40	46.30	41.35	42.15	40.15	39.10	23.45	8.05	6.55	21.30	27.70
16	14.90	37.30	46.20	41.65	41.50	40.55	38.00	23.25	7.75	6.90	22.15	25.65
17	14.80	38.20	46.10	41.85	40.50	40.95	35.90	22.95	7.45	7.35	22.60	24.30
18	14.80	39.15	45.95	42.05	39.35	41.30	35.20	22.50	7.10	8.30	22.65	23.25
19	14.80	39.85	45.75	42.25	38.05	41.60	34.40	21.65	6.85	9.10	22.90	22.25
20	14.80	40.50	45.55	42.40	36.75	41.85	33.85	20.65	6.50	9.85	23.35	21.30
21	14.80	41.35	45.35	42.60	35.75	42.00	33.40	20.05	6.15	10.30	23.60	20.60
22	15.00	42.10	44.95	42.90	34.80	42.10	33.35	19.55	5.85	10.75	23.60	20.10
23	15.55	42.65	44.40	43.00	34.30	42.20	33.55	18.95	5.55	11.35	23.35	19.70
24	16.30	43.10	44.15	43.00	34.40	42.20	33.80	18.50	5.35	11.85	22.65	19.45
25	17.10	43.45	43.80	43.10	35.05	42.20	33.85	17.95	5.05	12.45	22.10	19.30
26	17.90	43.65	43.20	43.15	35.60	42.20	33.50	17.20	4.90	13.00	22.15	19.30
27	18.75	43.85	42.55	43.20	36.15	42.20	33.05	16.55	4.90	13.40	22.75	19.30
28	20.30	44.05	41.85	43.20	36.55	42.20	32.40	15.85	4.85	13.55	23.70	19.60
29	22.00		41.15	43.20	36.75	42.20	31.35	15.30	4.65	13.60	24.50	20.25
30	24.05		40.30	43.20	37.00	42.20	30.30	14.90	4.50	13.45	25.90	22.25
31	26.10		39.45		37.20		29.00	14.50		13.10		26.10

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	29.00	29.80	46.10	44.00	44.00	33.90	28.20	18.25	10.30	7.80	16.55	9.70
2	31.00	29.55	46.00	44.00	43.90	32.55	27.95	18.05	10.20	8.70	16.60	10.50
3	33.00	29.30	46.00	44.00	43.90	31.55	27.60	18.15	10.20	10.40	16.45	11.20
4	34.15	29.25	46.10	43.90	43.80	30.60	27.30	18.75	10.30	12.50	16.25	11.90
5	34.85	29.20	46.20	43.80	43.75	29.95	27.15	19.40	10.40	14.80	16.15	11.95
6	35.40	29.55	46.35	43.70	43.70	29.45	27.00	19.80	10.85	16.60	16.00	11.60
7	35.65	31.40	46.50	43.70	43.85	28.95	26.85	20.20	11.40	18.05	15.75	10.85
8	35.75	33.50	46.50	43.70	43.90	28.75	26.70	20.30	11.80	19.25	15.30	10.25
9	36.00	35.50	46.50	43.70	44.00	28.70	26.55	20.40	12.05	20.00	14.65	9.55
10	36.00	37.35	46.40	43.75	44.00	28.75	26.45	20.25	12.20	20.60	13.95	8.85
11	35.85	38.50	46.40	43.80	44.00	28.95	26.20	19.95	12.25	21.00	13.45	8.25
12	35.40	39.55	46.40	43.85	44.00	29.05	25.95	19.75	11.90	20.65	12.80	7.85
13	34.75	40.35	46.35	43.90	44.00	29.20	25.80	19.40	11.30	20.15	12.15	7.50
14	33.85	41.25	46.25	44.10	43.95	29.20	25.70	18.90	10.55	19.50	11.65	7.50
15	33.30	42.15	46.05	44.30	43.75	29.35	25.60	18.30	9.65	18.85	11.20	8.85
16	32.60	42.90	45.85	44.30	43.55	29.65	25.55	17.45	9.15	18.40	10.70	11.00
17	31.75	43.50	45.70	44.30	43.35	30.05	25.45	16.75	8.65	18.05	10.30	13.10
18	30.75	44.00	45.55	44.35	43.25	30.35	25.20	15.95	8.30	18.05	9.90	14.90
19	29.50	44.40	45.35	44.50	43.05	30.55	24.90	15.35	8.25	18.25	9.60	16.55
20	29.15	44.80	45.10	44.60	42.95	30.70	24.40	14.75	8.00	18.30	9.20	17.55
21	28.80	45.05	44.90	44.60	42.65	30.75	24.05	14.15	7.80	18.30	9.15	18.10
22	28.80	45.40	44.80	44.60	42.55	30.80	24.00	13.55	7.80	18.30	9.00	18.35
23	29.10	45.55	44.70	44.60	42.20	30.80	24.15	12.90	7.70	18.10	9.00	18.45
24	29.40	45.70	44.60	44.50	41.70	30.65	24.25	12.40	7.65	17.85	8.95	18.20
25	29.85	45.85	44.50	44.40	41.05	30.45	24.00	11.85	7.50	17.50	8.80	17.85
26	30.30	46.00	44.40	44.25	40.35	30.25	23.35	11.55	7.50	17.10	8.70	17.05
27	30.60	46.10	44.30	44.20	39.30	29.80	22.30	11.35	7.45	16.65	8.60	15.85
28	30.60	46.10	44.20	44.10	38.35	29.40	21.25	11.30	7.40	16.25	8.50	15.35
29	30.45	46.10	44.20	44.10	37.25	29.00	20.15	11.10	7.30	16.10	8.60	15.90
30	30.25		44.10	44.00	36.10	28.60	19.20	10.85	7.45	16.05	9.10	16.50
31	30.00		44.00		34.95		18.60	10.60		16.25		20.00

Mississippi River.—Mouth of White River, Ark., 1871.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.70
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.30
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.10
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.90
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.60
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.20
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.00
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.70
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.50
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.30
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.10
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.80
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.50
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.40
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.20
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.53	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.45	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....

Mississippi River.—Mouth of White River, Ark., 1872.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	15.20	40.20	.....	.....	.....	10.70	4.25	1.92	3.40
2	.....	.....	.....	15.30	39.60	.....	.....	.....	10.70	4.20	1.82	3.00
3	.....	.....	.....	15.50	39.00	.....	.....	.....	10.70	4.40	1.74	2.80
4	.....	.....	.....	15.60	38.20	.....	.....	.....	10.60	4.55	1.49	2.60
5	.....	.....	.....	15.90	37.05	.....	.....	.....	10.30	4.60	1.49	2.27
6	.....	.....	.....	16.20	35.20	.....	.....	.....	9.90	4.60	1.47	2.04
7	.....	.....	.....	16.40	34.30	.....	.....	.....	9.40	4.60	1.42	1.84
8	.....	.....	.....	16.90	32.40	.....	.....	.....	8.90	4.55	1.47	1.60
9	.....	.....	.....	17.30	31.20	.....	.....	.....	8.45	4.40	1.47	1.40
10	.....	.....	.....	18.00	30.20	.....	.....	21.50	8.15	4.10	1.47	1.27
11	.....	.....	.....	18.60	29.40	.....	.....	20.20	7.85	3.80	1.77	1.99
12	.....	.....	.....	19.10	28.60	.....	.....	19.20	7.55	3.57	2.27	0.84
13	.....	.....	.....	19.50	27.80	.....	.....	18.20	7.30	3.47	2.62	0.74
14	.....	.....	.....	20.20	27.00	.....	.....	17.20	7.00	3.42	3.85	0.74
15	.....	.....	.....	21.00	26.10	.....	.....	16.20	6.60	3.27	4.65	0.84
16	.....	.....	.....	21.80	25.20	.....	.....	15.20	6.30	3.20	4.85	1.04
17	.....	.....	.....	22.60	24.40	.....	.....	14.20	6.05	3.02	4.75	1.04
18	.....	.....	.....	23.70	23.20	.....	.....	13.40	5.80	2.87	4.50	0.99
19	.....	.....	.....	25.00	23.00	.....	.....	12.70	5.60	2.67	4.10	0.82
20	.....	.....	.....	26.10	22.90	.....	.....	12.20	5.45	2.60	3.90	0.77
21	.....	.....	.....	28.00	22.20	.....	.....	11.90	5.25	2.57	3.75	0.77
22	.....	.....	.....	30.10	22.50	.....	.....	11.70	5.10	2.47	3.70	0.77
23	.....	.....	.....	31.90	23.30	.....	.....	11.60	4.90	2.42	3.85	0.92
24	.....	.....	.....	34.10	24.80	.....	.....	11.50	4.75	2.42	4.40	0.92
25	.....	.....	.....	36.00	26.10	.....	.....	11.60	4.60	2.37	4.60	0.92
26	.....	.....	.....	37.80	28.00	.....	.....	11.70	4.60	2.34	4.60	0.60
27	.....	.....	.....	38.90	30.10	.....	.....	11.75	4.55	2.27	4.40	0.30
28	.....	.....	.....	39.70	29.40	.....	.....	11.60	4.45	2.17	5.05	0.00
29	.....	.....	.....	40.10	30.80	.....	.....	11.35	4.40	2.12	4.75	.....
30	.....	.....	.....	40.20		.....	.....	11.00	4.30	2.07	4.60	4.60
31	.....	.....	.....			.....	.....	10.80		2.02		6.20

Mississippi River.—Mouth of White River, Ark., 1873.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	8.20	22.60	40.20	32.70	42.00	38.80	.....	.....	.....	.....	.....	.....
2	12.80	22.90	40.45	33.20	41.30	38.80	.....	.....	.....	.....	.....	.....
3	12.20	22.70	40.75	33.80	40.60	39.00	.....	.....	.....	.....	.....	.....
4	11.70	22.20	40.90	34.30	39.90	39.10	.....	.....	.....	.....	.....	.....
5	10.70	21.50	41.20	34.90	39.40	39.20	.....	.....	.....	.....	.....	.....
6	9.80	20.70	41.40	35.65	39.10	39.10	.....	.....	.....	.....	.....	.....
7	9.00	19.40	41.65	36.10	39.10	39.00	.....	.....	.....	.....	.....	.....
8	8.50	18.15	41.85	36.70	39.20	38.60	.....	.....	.....	.....	.....	.....
9	8.30	16.80	41.95	37.05	39.20	38.05	.....	.....	.....	.....	.....	.....
10	8.50	15.90	41.90	37.55	39.30	37.50	.....	.....	.....	.....	.....	.....
11	9.30	15.20	41.85	38.10	39.50	36.80	.....	.....	.....	.....	.....	.....
12	9.40	15.30	41.55	39.00	39.70	36.30	.....	.....	.....	.....	.....	.....
13	12.70	16.55	41.00	40.20	39.80	35.70	.....	.....	.....	.....	.....	.....
14	14.20	18.70	40.20	40.60	39.90	35.20	.....	.....	.....	.....	.....	.....
15	15.40	22.10	39.30	41.00	40.00	34.80	.....	.....	.....	.....	.....	.....
16	16.70	25.65	37.50	41.20	40.10	34.45	.....	.....	.....	.....	.....	.....
17	18.00	28.50	35.60	41.95	40.25	34.15	.....	.....	.....	.....	.....	.....
18	18.70	30.70	34.10	42.25	40.55	33.70	.....	.....	.....	.....	.....	.....
19	18.70	32.60	32.55	42.60	40.85	33.40	.....	.....	.....	.....	.....	.....
20	18.30	34.30	31.50	42.70	41.10	33.20	.....	.....	.....	.....	.....	.....
21	17.90	35.60	30.65	42.75	41.35	33.10	.....	.....	.....	.....	.....	.....
22	17.40	36.85	29.90	42.80	41.80	33.00	.....	.....	.....	.....	.....	.....
23	17.50	37.65	29.80	42.85	41.90	33.00	.....	.....	.....	.....	.....	.....
24	17.80	38.20	29.80	42.85	42.20	32.80	.....	.....	.....	.....	.....	.....
25	18.15	38.80	30.10	42.90	42.30	32.55	.....	.....	.....	.....	.....	.....
26	18.25	39.35	30.60	42.90	42.20	32.20	.....	.....	.....	.....	.....	.....
27	18.20	39.90	31.05	42.85	41.90	31.75	.....	.....	.....	.....	.....	.....
28	18.70	40.00	31.05	42.80	41.50	31.35	.....	.....	.....	.....	.....	.....
29	19.60		31.10	42.70	40.80	30.85	.....	.....	.....	.....	.....	.....
30	20.70		31.20	42.40	40.00	30.20	.....	.....	.....	.....	.....	.....
31	21.90		31.75		39.20		.....	.....	.....	.....	.....	.....

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	21.95	14.00	7.50	7.55	4.90	7.70
2	.....	.....	.....	.....	.....	.....	21.25	13.90	7.55	8.05	4.80	8.70
3	.....	.....	.....	.....	.....	.....	20.55	13.60	7.45	8.50	4.70	9.80
4	.....	.....	.....	.....	.....	.....	19.85	13.40	7.35	8.75	4.55	10.80
5	.....	.....	.....	.....	.....	.....	19.30	13.30	7.35	8.95	4.35	11.50
6	.....	.....	.....	.....	.....	.....	18.70	13.30	7.95	9.05	4.10	11.60
7	.....	.....	.....	.....	.....	.....	18.20	13.60	9.15	9.10	3.85	11.40
8	.....	.....	.....	.....	.....	.....	17.80	13.80	11.05	8.85	3.60	11.20
9	.....	.....	.....	.....	.....	.....	17.50	14.15	12.80	8.45	3.40	11.20
10	.....	.....	.....	.....	.....	.....	17.30	14.50	13.30	8.00	3.15	11.35
11	.....	.....	.....	.....	.....	.....	17.20	14.80	13.30	7.60	3.00	11.40
12	.....	.....	.....	.....	.....	.....	17.10	14.90	12.90	7.30	2.90	11.30
13	.....	.....	.....	.....	.....	.....	17.00	14.80	12.10	7.10	2.85	10.90
14	.....	.....	.....	.....	.....	.....	16.90	14.40	10.60	6.95	2.85	10.40
15	.....	.....	.....	.....	.....	.....	16.75	13.90	9.55	6.75	2.80	9.75
16	.....	.....	.....	.....	.....	.....	16.60	13.40	8.60	6.60	2.70	9.15
17	.....	.....	.....	.....	.....	.....	16.50	12.80	7.75	6.50	2.80	8.40
18	.....	.....	.....	.....	.....	.....	16.40	12.10	7.05	6.40	2.85	7.80
19	.....	.....	.....	.....	.....	.....	16.20	11.40	6.50	6.35	2.95	7.40
20	.....	.....	.....	.....	.....	.....	16.20	10.80	5.95	6.30	3.25	7.15
21	.....	.....	.....	.....	.....	.....	16.10	10.30	5.45	6.30	3.90	7.00
22	.....	.....	.....	.....	.....	.....	15.90	9.90	5.00	6.30	4.65	6.90
23	.....	.....	.....	.....	.....	.....	15.60	9.50	4.55	6.25	5.05	6.80
24	.....	.....	.....	.....	.....	.....	15.20	9.40	4.35	6.20	5.50	6.75
25	.....	.....	.....	.....	.....	.....	14.80	9.05	4.25	6.05	5.70	6.70
26	.....	.....	.....	.....	.....	.....	14.40	8.60	4.60	5.90	5.90	6.80
27	.....	.....	.....	.....	.....	.....	14.10	8.35	4.70	5.70	6.10	6.95
28	.....	.....	.....	.....	.....	.....	14.00	8.15	4.95	5.55	6.35	7.50
29	.....	.....	.....	.....	.....	.....	13.90	7.95	6.10	5.35	6.75	8.50
30	.....	.....	.....	.....	.....	.....	14.00	7.75	7.05	5.15	7.15	9.70
31	.....	.....	.....	.....	.....	.....	14.00	7.60		5.00		11.00

Mississippi River.—Mouth of White River, Ark., 1875.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	12.40	10.20	13.95	43.60	38 20	32.10	30.70	42.00	36.95	22.25	9.75	22.95
2	14.30	12.95	14.25	43.80	37.50	31.50	31.20	42.15	34.95	21.55	9.75	24.65
3	16.80	16.50	16.50	44.00	37.10	31.10	31.60	42.25	33.05	20.75	9.55	25.95
4	18.60	19.60	21.00	44.20	37.20	30.65	32.00	42.30	31.15	19.75	9.35	27.25
5	20.30	22.35	25.60	44.35	37.90	29.90	32.40	42.65	29.25	18.75	9.45	28.35
6	21.75	24.60	29.40	44.50	38.80	29 00	32.90	43.00	27.65	18.15	9.45	28.85
7	22.90	26.30	32.20	44.65	39.70	28.20	33.35	43.35	26.25	17.35	9.25	29.25
8	23.80	27.50	34.10	44.75	40.40	27.60	33 75	43.55	24.65	16.65	9.15	29.25
9	24.70	28.20	35.60	44.80	40.90	27.00	34.10	43.75	23 55	15.95	9.05	28.80
10	25.55	29.00	36.75	44.80	41.35	26.60	34.35	43.90	22.05	15.55	9.15	28.25
11	26.30	29.50	37.50	44.80	41.60	26.60	34 45	44.00	20.85	15.05	9.15	27.55
12	26.70	29.90	38.20	44.80	41.70	27.20	34.55	44.05	19.75	14.65	9.15	26.95
13	26.60	29.90	38.80	44.85	41.80	28.10	34.75	44.10	18.75	14.25	9.15	26.25
14	26.10	29.40	39.30	44 90	41.80	28.70	35.15	44.15	17.95	13.85	9.35	25.75
15	25.20	28.40	39.75	44.95	41.70	28.90	35.65	44.20	17.55	13.55	9.55	25.55
16	23.70	27.10	40.10	45.00	41.50	28.80	36.15	44.20	17.85	13.25	9.85	25.55
17	22.25	25.50	40.50	45.00	41.30	28.50	36.65	44.10	19.35	12.95	11.35	25.55
18	20.20	23.50	40.75	44.95	40.90	27 95	37.10	44.05	21.35	12.85	12.75	25.55
19	18.10	21.70	40.85	44.85	40.30	27.25	37.60	44.00	22.05	12.75	14.25	25.45
20	16.15	19.70	41.15	44.70	39.60	26.70	38.00	44.00	22.25	12.75	15.35	25.45
21	14.25	18.40	41.45	44.50	38.80	26.20	38.40	44.00	22.15	12.45	16.15	25.45
22	12.55	17.30	41.75	44.25	37.80	25.90	38.80	44.10	21.95	12.15	16.75	25 35
23	11.15	16.50	42.00	43.90	36.90	25.80	39.30	44.15	21.65	11.65	17.10	24.95
24	10.05	15.80	42.20	43.50	36.10	26.10	39.75	44.10	21.55	11.25	17.35	24.35
25	9.00	15.30	42.40	43 00	35.45	26.50	40.15	43.95	21.45	10.95	17.55	23.65
26	8.10	14.90	42.60	42.35	34.80	27.25	40.45	43.80	21.75	10.65	17.75	22.85
27	7.35	14.55	42.90	41.60	34.40	28 15	40.75	43.35	22.25	10.35	18.05	22.15
28	6.80	14.25	43.10	40.80	34.00	28.90	40.90	42.75	22.65	10.05	19.25	21.85
29	7.20		43.20	39.90	33.60	29.60	41.15	41.95	22.85	9.85	20.15	21.95
30	8.10		43.35	39.00	33.20	30.20	41.55	40.65	22.65	9.75	21.45	22.55
31	8.80		43.45		32.65		41.80	39.05		9.75		23.85

Mississippi River.—Mouth of White River, Ark., 1876.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	25.75	42.30	45.10	45.65	45.55	42.00	38.15	34.70	19.40	25.15	10.05	11.60
2	28.20	42.80	45.05	45.95	45.50	41.40	38.15	33.10	19.20	25.55	10.30	11.75
3	29.90	43.10	44.95	46.10	45.40	40.70	38.15	31.80	18.90	25.80	10.65	11.95
4	31.29	43.40	44.75	46.25	45.30	40.00	38.40	30.70	18.60	25.80	10.85	12.20
5	32.79	43.55	44.45	46.40	45.25	39.30	39.00	29.70	18.40	25.55	10.85	12.45
6	33.90	43.70	44.00	46.50	45.20	38.60	39.50	28.60	18.10	25.00	10.85	12.70
7	35.30	44.00	43.10	46.65	45.15	38.00	39.75	27.40	17.70	24.20	11.25	12.70
8	36.40	44.20	42.20	46.70	45.10	37.50	40.00	26.20	17.50	23.10	11.85	12.40
9	37.50	44.35	40.90	46.70	44.95	37.00	40.30	24.90	17.60	21.90	12.85	11.90
10	38.40	44.50	39.40	46.70	44.85	36.50	40.70	23.80	17.60	20.60	13.55	11.30
11	39.10	44.65	37.90	46.70	44.80	36.00	41.00	23.00	17.65	19.30	13.75	10.60
12	39.50	44.80	36.40	46.70	44.75	35.60	41.30	22.40	17.85	18.10	13.75	9.70
13	39.80	44.90	35.00	46.70	44.70	35.40	41.65	21.90	18.85	17.10	13.65	8.90
14	39.90	45.00	34.30	46.70	44.70	35.10	41.90	21.30	20.15	16.20	13.55	8.10
15	39.80	45.10	33.90	46.70	44.75	34.70	42.10	20.90	21.15	15.30	13.45	7.40
16	39.70	45.15	34.40	46.65	44.80	34.30	42.25	20.90	21.85	14.50	13.45	6.80
17	39.20	45.20	35.40	46.55	44.85	33.80	42.35	21.00	22.45	13.80	13.45	6.20
18	38.50	45.20	36.60	46.55	44.90	33.40	42.35	21.00	22.85	13.20	13.35	5.60
19	37.40	45.20	37.60	46.50	44.90	33.40	42.35	21.00	23.15	12.70	13.25	5.20
20	36.10	45.20	38.90	46.45	44.90	34.20	42.25	20.95	23.45	12.20	13.05	4.90
21	35.10	45.20	39.80	46.40	44.85	35.40	42.15	20.80	23.85	11.70	12.85	4.60
22	35.00	45.25	40.50	46.40	44.80	36.40	42.00	20.50	24.55	11.40	12.55	4.30
23	35.50	45.25	41.00	46.35	44.75	37.30	41.85	20.20	25.45	11.15	12.35	3.80
24	36.30	45.25	41.60	46.25	44.70	37.90	41.60	19.95	26.25	10.85	12.15	3.40
25	37.10	45.25	42.20	46.15	44.60	38.20	41.20	20.00	26.65	10.55	11.95	3.00
26	37.90	45.20	42.70	46.00	44.40	38.30	40.90	20.05	26.75	10.35	11.85	2.90
27	38.80	45.20	43.20	45.90	44.20	38.35	40.40	20.20	26.45	10.25	11.80	2.95
28	39.50	45.20	43.80	45.85	43.90	38.35	39.70	20.35	25.85	10.15	11.75	3.05
29	40.00	45.15	44.30	45.75	43.50	38.30	38.80	20.45	25.15	10.05	11.65	3.20
30	41.20		44.80	45.65	43.00	38.20	37.60	20.20	24 95	10.00	11.55	3.20
31	41.90		45.20		42.50		36.20	19.80		10.00		3.20

Mississippi River.—Mouth of White River, Ark., 1877.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	3.40	37.30	16.50	33.60	44.20	40.00	39.30	23.90	10.00	8.30	12.00	21.10
2	3.70	37.60	15.90	33.70	44.30	39.10	39.00	23.30	9.90	8.00	13.00	21.70
3	4.10	37.80	15.40	33.90	44.40	38.10	39.00	22.70	9.90	7.60	14.00	22.40
4	4.60	37.80	15.00	34.30	44.50	36.90	39.00	22.00	9.90	7.20	14.90	23.30
5	4.10	37.40	14.60	34.80	44.60	35.70	39.00	21.20	9.90	6.90	15.50	24.40
6	3.40	36.40	13.90	35.40	44.60	34.50	39.00	20.50	9.80	6.60	15.90	25.70
7	2.70	34.80	13.50	36.50	44.55	33.60	38.90	19.90	9.70	6.40	15.90	26.80
8	2.20	32.90	13.50	37.60	44.45	33.40	38.70	19.40	9.60	6.20	15.90	27.30
9	3.20	30.80	13.50	38.40	44.30	34.20	38.30	19.00	9.60	6.00	15.90	27.40
10	3.70	28.80	13.50	38.90	44.10	36.60	37.90	18.50	9.90	5.80	16.10	27.10
11	4.10	27.20	13.60	39.50	43.95	38.00	37.40	17.80	10.10	5.60	16.40	26.40
12	4.50	26.20	13.80	40.10	43.80	39.00	36.80	17.10	10.10	5.30	16.60	25.40
13	4.30	25.80	14.40	40.60	43.65	39.70	35.90	16.40	9.80	5.10	16.50	24.20
14	4.10	25.80	15.50	40.90	43.45	40.05	35.00	15.70	9.60	4.90	16.30	23.00
15	4.10	26.00	17.20	41.10	43.20	40.60	33.90	15.10	9.40	4.70	16.10	21.90
16	4.90	26.30	19.60	41.40	42.90	41.30	32.70	14.60	9.30	4.50	15.70	20.90
17	6.70	26.50	22.50	41.70	42.60	41.80	31.70	14.20	9.10	4.50	15.30	20.20
18	8.10	26.40	25.40	42.10	42.40	42.10	30.70	13.90	8.90	4.70	14.90	19.70
19	9.40	26.00	27.70	42.50	42.20	42.30	29.80	13.70	8.60	4.90	14.50	19.40
20	11.20	25.30	29.30	42.70	42.00	42.40	29.00	13.50	8.40	5.20	14.30	19.30
21	15.70	24.30	30.60	42.95	42.00	42.50	28.20	13.20	8.30	5.60	14.60	19.40
22	20.80	23.10	31.60	43.25	42.05	42.60	27.30	12.70	8.20	7.10	15.10	19.40
23	25.50	22.10	32.40	43.45	42.10	42.60	26.30	12.20	8.10	8.10	15.80	19.20
24	28.90	20.80	32.90	43.55	42.10	42.50	25.40	11.70	7.90	8.50	16.70	19.00
25	31.30	19.70	33.30	43.60	42.10	42.30	24.90	11.70	7.80	8.60	17.70	19.40
26	33.00	18.70	33.50	43.65	42.10	41.90	24.70	12.00	7.70	8.70	18.80	20.30
27	34.20	17.80	33.70	43.75	42.00	41.50	24.70	11.50	7.70	8.80	19.50	21.40
28	35.10	17.10	33.80	43.85	41.75	41.00	24.70	11.20	8.10	9.20	19.90	22.40
29	35.90		33.80	43.95	41.45	40.40	24.80	10.80	8.50	9.70	20.10	23.40
30	36.40		33.80	44.10	41.10	39.80	24.70	10.40	8.60	10.50	20.60	24.50
31	36.90		33.70		40.60		24.40	10.20		11.30		25.70

Mississippi River.—Mouth of White River, Ark., 1878.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	27.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	28.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	29 90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	31.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	32.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	33.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	34.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	34.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	34.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	34.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	33.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	32.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	31.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	30.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	29.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	28.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	27.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	26.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	26.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	26.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	26.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	27.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	28.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	29.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	30.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	31.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	31.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	31 70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	31.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	31.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	31.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Mississippi River.—Mouth of White River, Ark., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	35.70	31.10	13.50	18.40	15.30	12.90	5.00	6.10	13.00
2	.....	.....	.....	35.90	30.30	13.50	18.20	15.70	12.70	4.70	6.00	12.60
3	.....	.....	.....	35.90	29.50	13.80	18.30	15.80	12.80	4.50	5.60	12.50
4	.....	.....	.....	36.10	28.50	14.30	18.80	15.80	13.10	4.10	5.00	12.80
5	.....	.....	.....	36.10	27.70	14.90	19.60	15.50	13.30	3.80	4.50	13.20
6	.....	.....	29.20	36.10	26.70	15.60	20.50	15.00	13.30	3.50	4.00	13.70
7	.....	.....	28.70	36.10	25.70	16.30	21.10	14.60	13.30	3.40	3.60	14.10
8	.....	.....	28.20	36.00	24.50	17.00	21.40	14.30	14.90	3.30	3.30	14.40
9	.....	.....	27.80	36.00	23.60	17.80	21.40	14.00	16.60	3.10	3.30	14.80
10	.....	.....	27.50	36.10	23.00	18.50	21.40	13.80	17.80	2.90	3.10	15.50
11	.....	.....	27.30	36.20	22.40	19.00	21.20	13.60	18.50	2.70	3.00	16.50
12	.....	.....	27.00	36.20	21.70	19.10	20.80	13.70	18.70	2.60	2.90	17.90
13	.....	.....	26.70	36.10	20.90	19.00	20.20	13.90	18.40	2.50	2.80	19.10
14	.....	.....	26.40	35.80	20.10	19.00	19.60	14.20	17.80	2.40	2.70	20.50
15	.....	.....	26.10	35.50	19.40	18.80	19.00	14.40	16.90	2.40	2.60	21.90
16	.....	.....	26.00	35.30	18.80	18.60	18.30	14.50	15.80	2.50	2.70	23.90
17	.....	.....	26.30	35.30	18.20	18.30	17.70	14.50	14.60	2.60	2.70	25.90
18	.....	.....	27.00	35.50	17.70	17.90	17.20	14.10	13.40	2.60	2.70	27.40
19	.....	.....	27.80	35.70	17.30	17.60	16.70	13.60	12.30	2.60	3.00	28.80
20	.....	.....	28.60	35.90	16.70	17.50	16.30	13.10	11.30	2.60	3.20	29.60
21	.....	.....	29.60	36.00	16.30	17.50	16.10	12.60	10.30	2.80	3.80	30.30
22	.....	.....	30.50	36.00	15.90	17.40	16.10	12.00	9.50	3.10	5.00	30.60
23	.....	.....	31.40	35.90	15.70	17.30	16.10	11.50	8.70	3.20	7.50	31.00
24	.....	.....	32.20	35.70	15.50	17.30	16.00	11.40	8.00	3.40	10.30	31.00
25	.....	.....	32.80	35.40	15.20	17.50	15.90	11.50	7.40	3.60	12.10	30.70
26	.....	.....	33.20	35.20	14.90	18.00	15.80	11.70	7.00	3.90	13.30	30.00
27	.....	.....	33.40	34.70	14.60	18.40	15.60	11.90	6.50	3.90	13.80	29.60
28	.....	.....	34.10	34.10	14.20	18.70	15.50	12.20	6.10	3.90	14.00	29.50
29	.....	.....	34.60	33.90	13.80	18.70	15.30	12.60	5.70	4.20	13.90	30.00
30	.....	.....	35.10	32.20	13.60	18.60	15.20	13.00	5.30	4.90	13.50	31.00
31	.....	.....	35.40		13.50		15.20	13.10		5.70		32.10

Day	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.
1	33.60	40.50	43.20	46.30	39.90	23.10	28.30	22.80	10.60	9.00	7.60	11.20
2	34.50	39.50	43.60	46.30	39.60	23.10	29.00	22.10	11.10	8.80	7.50	10.50
3	35.40	38.40	43.90	46.30	39.50	23.20	29.40	21.40	11.60	8.60	7.30	9.90
4	36.10	37.10	44.30	46.20	39.70	23.60	29.50	20.70	12.10	8.50	7.00	9.40
5	36.60	35.70	44.60	46.10	39.90	24.30	29.50	19.90	12.50	8.50	7.20	9.90
6	37.10	34.20	44.90	46.10	40.20	25.20	29.70	19.10	13.00	8.50	8.10	12.40
7	37.60	32.80	45.10	46.00	40.50	26.10	30.30	18.40	13.40	8.60	8.90	14.40
8	38.00	31.40	45.30	45.80	40.80	26.80	31.30	17.80	13.80	8.80	9.40	16.20
9	38.30	30.00	45.50	45.60	41.00	27.20	32.40	17.20	14.10	9.00	9.70	19.50
10	38.60	28.90	45.60	45.40	41.20	27.50	33.70	16.70	14.40	9.30	10.10	22.00
11	38.70	27.90	45.70	45.20	41.40	27.60	34.70	16.30	14.80	9.60	10.50	25.10
12	38.90	27.10	45.90	45.00	41.50	27.60	35.60	15.90	15.00	9.70	11.00	27.70
13	39.10	26.90	45.90	44.70	41.50	27.50	36.10	15.50	?13.80	9.70	11.70	30.00
14	39.40	26.80	46.00	44.40	41.50	27.10	36.50	15.20	15.40	9.60	13.20	31.30
15	39.70	?20.90	46.10	44.20	41.20	26.60	36.70	14.90	15.60	9.30	14.80	32.30
16	40.00	28.10	46 20	44.00	40.60	26.20	36.80	14.70	15.80	9.10	16.40	32.90
17	40.40	30.30	46.30	43.70	39.80	26.00	36.80	14.50	15.80	8.60	17.50	33.10
18	40.70	32.60	46.35	43.40	38.70	25.70	36.50	14.40	15.40	8.20	18.00	32.90
19	41.00	34.60	46.45	43.10	37.20	25.30	36.00	14.20	14.80	7.80	18.20	32.20
20	41.30	36.70	46.45	42.70	35.70	24.80	35.40	14.00	14.00	7.80	18.00	31.00
21	41.50	38.00	46.45	42.30	34.20	24.20	34.70	13.70	13.20	8.00	17.50	29.20
22	41.70	39.10	46.50	42.00	32.40	23.70	33.80	13.40	12.50	8.10	16.80	27.00
23	41.90	39.90	46.55	41.70	30.80	23.40	32.70	13.00	11.80	8.00	16.20	25.00
24	42.00	40.50	46.55	41.40	29.30	23.60	31.30	12.70	11.40	7.90	15.60	23.00
25	42.20	41.00	46.55	41.30	27.90	24.00	29.90	12.30	11.00	7.90	14.80	21.20
26	42.30	41.50	46.50	41.20	26.90	24.50	28.70	11.90	10.70	7.80	14.10	19.90
27	42.30	42.00	46.45	41.00	26.10	25.10	27.70	11.40	10.50	8.00	13.30	18.90
28	42.20	42.40	46.40	40.80	25.20	25.90	26.60	11.00	10 10	8.20	12.70	18.00
29	42.00	42.80	46.35	40.60	24.50	26.90	25.50	10.50	9.70	8.30	12.20	17.30
30	41.70		46.30	40.30	24.00	27.60	24.50	10.10	9.30	8.20	11.70	16.70
31	41.20		46.30		23.50		23.60	10.20		7.90		16.20

Mississippi River.—Mouth of White River, Ark., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	15.70	34.80	44.30	42.60	44.80	39.70	33.50	22.00	7.50	9.70	25.80	36 40
2	14.90	35.00	44.50	42.70	44.90	38.80	33.00	21.30	7.20	10.30	25.80	36.40
3	14.00	35.00	44.70	42.80	44.95	37.70	32.40	20.40	7.00	10.50	25.60	36.40
4	13.00	34.60	44.80	42.80	45.00	36.70	31.90	19.20	6.80	10.60	25.40	36.50
5	11.80	34.10	44.90	42.80	45.05	35.60	31.40	18.00	6.60	10.70	25.00	36.40
6	10.50	33.10	45.00	42.80	45.10	34.40	30.90	17.00	6.40	11.00	25.00	36.20
7	9 50	31.60	45.10	42.70	45.10	33.20	30.70	16.40	6.30	12.00	24.90	35.80
8	8.70	30.60	45.10	42.70	45.20	32.10	30.70	15.80	6.10	14.00	25.10	35.10
9	8.10	29.60	45.10	42.60	45.20	31.10	30.70	15.50	6.00	16.00	25.40	34.80
10	7.70	28.60	44.80	42.50	45.25	30.40	30.60	15.20	5.90	17.90	25.70	33.80
11	7.30	28.30	44.60	42.40	45.35	29.80	30.50	14.90	5 80	19.30	26.30	32.40
12	7.00	28.30	44.10	42.40	45.45	29.20	30.00	14.50	5.70	19.90	26.80	30.90
13	6.90	29.00	43.80	42.40	45.55	28.60	29.50	14.20	5.60	20.50	27.20	29.50
14	6.90	30.20	43.30	42.40	45.65	27.90	28.50	13.90	5.50	20.80	27.40	28.00
15	7.30	33.00	42.70	42.40	45.70	27.30	27.30	13.30	5.70	21.20	27.60	26.50
16	7.80	35.50	42.10	42.40	45.70	26.90	25.70	12.70	5.80	21.40	28.20	25.20
17	8.80	37.80	41.50	42.50	45.70	26.90	24.10	11.90	5.80	21.40	28.90	24.20
18	10.80	38.80	41.00	42.60	45.70	27.30	23.00	11.30	5.80	21.30	29.80	23.50
19	13.20	39.70	40.70	42.80	45.60	27.80	22.00	10.70	5.90	21.30	30.90	23.30
20	15.20	40.40	40.60	43.00	45.50	28.60	21.40	10.20	6.10	21.20	31.80	23.50
21	16.80	41.00	40.60	43.20	45.40	29.40	21.30	9.70	6.30	20.90	32.50	24.40
22	18.50	41.70	40.60	43.30	45.00	30.50	21.50	9.40	6.50	20.60	33.20	25.50
23	20.30	42.20	40.80	43.50	44.70	31.50	21.90	9.10	7.00	20.60	34.00	27.10
24	22.40	42.70	41.00	43.70	44.30	32.50	22.20	9.00	7.50	20.80	34.60	28.90
25	24.80	43.10	41.30	43.80	43.90	33.40	22.30	8.80	8.00	21.20	35.10	30.80
26	27.20	43.50	41.50	44.00	43.50	34.00	22 50	8.60	8.10	21.70	35.70	32.50
27	29.40	43.90	41.70	44.30	42.90	34.30	22.70	8.40	8.20	22.50	36.00	34.10
28	31.00	44.00	41.90	44.40	42.30	34.40	22.80	8.20	8.20	23.80	36.20	35.20
29	32.30		42.20	44.50	41.70	34.20	22.80	8.20	8.20	24.90	36.30	36.30
30	33.90		42.30	44.70	41.00	34.00	22.70	8.00	8.40	25.50	36.40	37.30
31	34.20		42.50		40.40		22.50	7.80		25.80		38.10

Mississippi River.—Mouth of White River, Ark., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	38.60	45.30	48.00	45.90	40.20	44.70	42.90	30.90	16.90	14.90	11.50	15.20
2	39.10	45.40	47.80	45.80	40.00	44.60	42 80	29.40	16.60	14.20	11.40	14.80
3	39.50	45.50	47.60	45.70	39.70	44.60	42.70	28.10	16.20	13.50	11.60	14.50
4	39.70	45.70	47.60	45.60	39.50	44.60	42.60	26.90	16.00	12.90	11.60	14 20
5	40.00	45.80	47.50	45.60	39.40	44.60	42.50	25.90	15.90	12.40	11.60	14.10
6	40.20	45.90	47.60	45.50	39.30	44.50	42.30	25.10	15.80	11.90	11.70	14.00
7	40.30	46.00	47.60	45.40	39.20	44.50	42.20	24.60	15.70	11.70	11.80	13.80
8	40.50	46.10	47.60	45.30	39.20	44.50	42.20	23.90	15.70	11 60	11.90	13.70
9	40.60	46.20	47.70	45.20	39.40	44.50	42.20	23.70	15.80	11.70	12.00	13.60
10	40.70	46.40	47.80	45.10	40.00	44.40	42.10	24.20	15.90	12.00	12.00	13.70
11	40.80	46.50	47.70	45.00	40.80	44.30	42.10	25.00	16 20	12.00	12.00	13.90
12	40.90	46.70	47.70	44.90	41.40	44.30	42.10	25.50	16.40	11.70	12.30	13.80
13	41.00	47.10	47.70	44.70	42.00	44.20	42.10	25.70	16.50	11.60	12.60	13.50
14	41.10	47.30	47.60	44.50	42.60	44.20	42.10	25.70	16.50	11.50	13.00	13.20
15	41.30	47.40	47.50	44.30	42.90	44.10	42.10	25.50	16.40	11.60	13.30	12.70
16	41.50	47.60	47.40	44.10	43.30	44.00	42.10	25.20	16.20	11.40	13.60	12.30
17	41.90	47.60	47.30	43.90	43.50	44.00	42.00	24.80	15.90	11.30	14.00	12.00
18	42.20	47.60	47.20	43.80	43.70	43.90	42.00	24.50	15.50	11.20	14.30	11.50
19	42.50	47.60	47.10	43.60	44.00	43.80	41.90	24.00	15.20	11.50	14.60	10.90
20	42.80	47.70	47.00	43.50	44.20	43.70	41.70	23.50	15.00	11.50	14.80	10.50
21	43.20	47.80	46.80	43.30	44.50	43.60	41.40	23.10	15.20	11.80	15.10	10.20
22	43.40	47.90	46.70	43.20	44.70	43.40	40.90	22.70	16.00	11.90	15.40	9.90
23	43.60	48.00	46.60	43.00	44.90	43.30	40.30	22.30	17.00	12.20	15.50	9.70
24	43.80	48.00	46.50	42.80	44.90	43.30	39.70	21.90	17.80	12.30	15.50	9.70
25	44.00	48.10	46.40	42.50	44.90	43.20	38.80	21.50	18.30	12.20	15.40	10.20
26	44.30	48.20	46.40	42.20	44.90	43.20	38 00	21.00	18.50	12.00	15.50	11.10
27	44.50	48.20	46.30	41.80	44.90	43.10	37.20	20.20	18.00	11.90	15.60	12.00
28	44.70	48.40	46.20	41.30	44.90	43.10	36.20	19.50	17.20	11.80	15.80	13.00
29	44.90		46.20	40.90	44.80	43.10	35.10	18.70	16.40	11.80	15.60	14.00
30	45.00		46.10	40.50	44.80	43.00	33.80	17.90	15.50	11.80	15.40	15.10
31	45.20		46.00		44.70		32.40	17.30		11.60		16.10

Mississippi River.—Mouth of White River, Ark., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	16.90	29.50	46.40	40.20	45.00	39.20	43.50	28.90	16.20	7.00	14.00	29.80
2	17.70	30.80	46.70	39.00	45.00	39.30	43.50	27.90	15.70	6.90	13.60	30.80
3	18.40	31.80	46.90	39.10	45.00	39.50	43.50	27.10	15.10	6.80	14.70	31.50
4	18.70	32.30	47.00	38.80	45.00	39.80	43.50	26.10	14.50	6.90	15.70	32.00
5	18.90	32.50	47.10	38.70	45.00	40.10	43.50	25.40	14.00	7.10	16.50	32.00
6	18.90	32.80	47.50	38.90	45.00	40.40	43.50	25.00	13.60	7.30	18.20	32.00
7	18.90	32.90	47.70	39.30	45.00	40.70	43.50	25.00	13.10	7.20	20.20	32.00
8	19.00	33.20	47.80	39.90	44.90	40.80	43.40	25.60	12.60	7.40	21.70	31.80
9	19.20	33.50	48.00	40.50	44.80	40.95	43.30	25.90	12.20	7.60	22.50	31.40
10	19.10	33.80	48.00	41.10	44.70	41.00	43.20	26.00	11.80	7.80	22.70	31.60
11	18.70	34.30	48.00	41.60	44.60	41.00	43.00	26.00	11.50	8.00	23.00	31.70
12	18.20	35.30	48.00	42.10	44.30	40.90	42.60	25.90	11.30	8.20	22 80	31.30
13	17.50	36.30	47.90	42.50	44.30	41.00	42.00	25.60	11.00	8.40	22.60	31.60
14	16.90	37.30	47.90	42 90	44.00	41.40	41.20	25.60	10.80	8.80	22.60	29.60
15	16.60	38.30	47.80	43.10	43 40	41.70	40.20	25.30	10.40	9.10	22.30	28.40
16	16.40	39.30	47.70	43.40	42.70	42.00	39.10	25.00	10.10	9.40	23.90	26.80
17	16.50	40.30	47.60	43.60	41.40	42.30	38.00	24.60	9.70	9.80	24.20	25.50
18	16.50	40.90	47.40	43.70	40 30	42.60	36.70	24.30	9.50	10.80	24.50	24.30
19	16.50	41.80	47.30	43.90	39.10	42.90	35.90	23.40	9.10	11.50	24.80	23.30
20	16.50	42.40	47.00	44.00	38.10	43.10	35.20	22.40	8.70	12.20	25.30	22.70
21	16.50	43.00	46.70	44.20	37.10	43.20	35.00	22.00	8.50	12 60	25.30	22.20
22	16.80	43.50	46.40	44.50	36 10	43.30	35.20	21.70	8.30	13.00	25.30	21.70
23	17.40	44.20	46 00	44.60	35.80	43.30	35.40	21.30	8.00	13.50	24.70	21.70
24	18.00	44.60	45.50	44.70	36.10	43.30	35.50	21.00	7.80	14.00	24.10	21.20
25	18.90	45.00	45.00	44.70	36.80	43.30	35.50	20.40	7.60	14.50	23.60	21.10
26	19.80	45.40	44.50	44 80	37.60	43.30	35.20	19.80	7.50	15.00	24.00	21.00
27	20.80	45.80	43.90	44.90	38.00	43.40	34.70	19.30	7.40	15.50	25.00	21.00
28	21.90	46.10	43.10	44.90	38.30	43.40	33.80	18.40	7.30	15.50	25.60	21.40
29	23.90		42.30	44.90	38 60	43.40	32.70	17.90	7.20	15.50	26.80	23.00
30	26.10		41.60	45.00	38.80	43.40	31.50	17.20	7.00	15.10	28.40	25.80
31	28.00		40 90		39.10		30.20	16.60		14.50		29.30

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	32.00	31.40	47.30	45.30	45.10	34.70	29.90	19.80	12.60	10.40	17.80	11.60
2	34.00	31.10	47.40	45.20	45.10	33.60	29.60	19.90	12.50	11.50	17.90	12.40
3	35.50	30.90	47.60	45.10	45.00	32.60	29.30	20.20	12.40	13.10	17.60	13.10
4	36.50	30.80	47.60	45.00	45.00	31.90	29.00	20.80	12.50	15.50	17.30	13.30
5	37.50	30.90	47.70	45.00	44.90	31.40	28.90	21.30	12.90	17.00	17.20	13.30
6	37.70	31.50	47.80	45.00	45.00	30.80	28.70	21.70	13.40	18.60	17.10	12.90
7	38.00	32.50	47.90	45.00	45.20	30.50	28.60	22.10	13.80	19.50	16.80	12.40
8	38.20	35.70	47.90	45.00	45.30	30.30	28.50	22.20	14.20	20.50	16.20	11.60
9	38.20	38.00	47.70	45.00	45.30	30.30	28.30	22.10	14.40	21.30	15.60	10.90
10	37.90	39.60	47.70	45.10	45.40	30.50	28.10	21.90	14.50	22.00	14.90	10.20
11	37.70	40.96	47.70	45.30	45.30	30.70	27.80	21.70	14.20	22.40	14.30	9.60
12	37.20	41.70	47.80	45.40	45.20	30.80	27.60	21.50	13.70	21.90	13.80	9.40
13	36.70	42.50	47.60	45.40	45.20	30.90	27.60	21.10	13.30	21.30	13.30	9.00
14	36.00	43.20	47.40	45.70	45.10	31.00	27.50	20.40	12.50	20.60	12.80	9.10
15	35.50	44.00	47.30	45.70	44.90	31.20	27.50	19.60	11.80	19.90	12.40	10.60
16	34.50	44.50	47.00	45.70	44.80	31.60	27.40	19.00	11.30	19.40	11.90	12.70
17	33.40	44.90	46.80	45.70	44.60	32.00	27.20	18.40	10.80	19.40	11.50	14.70
18	32.40	45.30	46.70	45.80	44.50	32.30	26.90	17.70	10.50	19.50	11.20	16.60
19	31.40	45.80	46.40	46.00	44.30	32.50	26.40	17.00	10.40	19.80	10.90	18.10
20	30.80	46.20	46.30	46.00	44.00	32.70	26.00	16.80	10.30	19.90	10.60	19.00
21	30.60	46.50	46.00	46.00	43.70	32.80	25.70	15.70	10.20	19.90	10.50	19.60
22	30.50	46.70	45.90	46.00	43.60	32.90	25.80	15.30	10.20	19.70	10.40	19.70
23	30.90	47.00	45.80	45.90	43.10	32.80	26.10	14.80	10.10	19.20	10.40	19.70
24	31.40	47.10	45.70	45.80	42.50	32.60	26.10	14.30	10.00	18.80	10.40	19.20
25	31.80	47.10	45.70	45.70	42.00	32.40	25.70	13.90	9.90	18.40	10.30	18.60
26	32.30	47.30	45.60	45.60	41.20	32.10	24.80	13.60	9.90	18.00	10.10	18.00
27	32.30	47.40	45.50	45.40	40.40	31.70	23.90	13.50	9.80	17.70	10.00	16.90
28	32.30	47.40	45.40	45.40	39.40	31.20	23.00	13.50	9.80	17.30	10.10	16.00
29	32.10	47.30	45.30	45.20	38.30	30.70	22.10	13.40	9.80	17.10	10.30	17.00
30	31.90		45.30	45.10	37.20	30.30	21.20	13.20	10.00	17.20	10.80	19.20
31	31.60		45.30		35.90		20.60	12.80		17.60		22.00

Mississippi River.—Malone's Landing, Miss., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.50
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.25
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.50
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.90
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.40
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.65
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.95
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.15
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.60
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.55
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.75
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.10
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.20
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.60
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.45
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.35
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.20
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.55
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.45
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.10
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.55
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.70
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.60
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.25
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.70
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.20
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.90
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.30
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.15
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.95	20.45
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		21.75

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	22.55	25.55	29.75	.....	.....	.....	.....	.....	3.15	1.55	0.50	4.05
2	23.80	24.25	29.95	.....	.....	.....	.....	.....	3.35	1.45	0.15	4.40
3	24.50	22.55	30.15	.....	.....	.....	.....	.....	3.55	1.35	0.10	4.90
4	25.10	20.10	30.25	.....	.....	.....	.....	.....	3.80	1.30	0.25	5.45
5	25.65	19.35	30.35	.....	.....	.....	.....	.....	3.90	1.30	0.60	6.15
6	26.20	17.95	30.50	.....	.....	.....	.....	.....	4.30	1.30	1.20	7.10
7	26.45	16.55	30.60	.....	.....	.....	.....	.....	4.50	1.45	1.80	8.35
8	26.65	15.00	30.70	.....	.....	.....	.....	.....	4.90	1.70	2.55	9.80
9	26.80	14.00	30.70	.....	.....	.....	.....	.....	5.45	1.95	3.25	11.75
10	26.85	13.65	30.70	.....	.....	.....	.....	.....	5.55	2.15	3.90	14.25
11	27.05	12.75	30.80	.....	.....	.....	.....	.....	5.75	2.30	4.30	16.35
12	27.15	12.50	30.80	.....	.....	.....	.....	.....	5.85	2.30	5.00	18.40
13	27.45	12.50	30.65	.....	.....	.....	.....	.....	6.05	2.15	5.90	20.95
14	27.75	12.85	30.80	.....	.....	.....	.....	.....	6.25	1 95	6.65	22.55
15	28.05	.....	30.20	.....	.....	.....	.....	.....	6.45	1.75	7.15	23.40
16	28.45	.....	31.00	.....	.....	.....	.....	.....	6.65	1.50	7.55	23.75
17	28.70	.....	.....	.....	.....	.....	.....	.....	6.40	1.25	7.90	23.75
18	28.85	.....	.....	.....	.....	.....	.....	.....	6.00	0.90	7.75	23.45
19	29.15	.....	.....	.....	.....	.....	.....	.....	5.45	0.75	7.45	22.25
20	29.25	.....	.....	.....	.....	.....	.....	.....	5.15	0.85	7.15	20.50
21	29.45	.....	.....	.....	.....	.....	.....	.....	4.85	0.95	6.85	18.85
22	29.55	26.65	.....	.....	.....	.....	.....	.....	4.45	1.00	6 55	17.40
23	29.60	27.35	.....	.....	.....	.....	.....	.....	3.85	1.05	6.10	16.00
24	29.65	27.90	.....	.....	.....	.....	.....	.....	3.65	1.25	5.60	14.45
25	29.65	28.35	.....	.....	.....	.....	.....	.....	3.35	1.30	5.25	13.30
26	29.55	28.75	.....	.....	.....	.....	.....	.....	3.15	1.30	4.85	11.75
27	29.30	29.05	.....	.....	.....	.....	.....	.....	2.90	1.40	4.55	10.10
28	28.95	29.25	.....	.....	.....	.....	.....	.....	2.40	1.45	4.25	8.90
29	28.45	29.55	.....	.....	.....	.....	.....	2.45	2.15	1.35	4.00	8.15
30	27.65		.....	.....	.....	.....	.....	2.90	1.80	1.15	3.90	7.45
31	26.95		.....	.....	.....	.....	.....	3.05		0.85		6.70

Mississippi River.—Malone's Landing, Miss., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	6.00	25.90	29.70	28.80	30.60	20.50	19.30	9.55	0.45	4.35	14.70	24.00
2	5.50	25.40	29.80	28.90	30.60	19.85	18.65	8.80	0.25	4.55	14.70	24.00
3	5.10	24.35	29.90	28.85	30.60	19.10	18.05	7.75	0.05	4.70	14.65	24.00
4	4.75	23.20	30.00	28.80	30.60	.....	17.40	6.80	— 0.10	4.75	14.35	24.00
5	4.40	22.25	30.00	28.75	30.60	.....	16.85	6.45	— 0.25	4.95	14.25	23.95
6	3.90	21.40	30.00	28.70	30.60	.....	16.65	6.10	— 0.45	5.15	14.05	23.55
7	3.35	20.65	30.00	28.60	30.60	.....	16.45	5.75	— 0.65	5.40	14.05	22.70
8	2.85	19.95	29.85	28.55	30.60	.....	16.40	5.55	— 0.70	5.95	14.25	21.75
9	2.45	19.25	29.60	28.50	30.60	.....	16.75	5.35	— 0.70	6.95	14.50	20.55
10	2.00	18.70	29.25	28.40	30.60	.....	16.80	5.10	— 0.80	8.00	15.15	19.45
11	1.65	18.05	28.80	28.40	30.70	.....	16.65	4.80	— 0.85	8.60	15.65	17.40
12	1.25	17.65	28.00	28.50	30.70	.....	16.30	4.45	— 0.90	9.10	16.20	16.00
13	0.90	.....	27.35	28.50	30.80	.....	15.70	4.05	— 0.95	9.60	16.50	14.90
14	0.55	.....	26.70	28.50	30.90	.....	15.15	3.70	— 1.00	9.95	16.85	13.95
15	0.25	.....	25.95	28.50	30.90	.....	14.30	3.40	— 1.10	10.15	17.20	13.05
16	0.25	.....	25.25	28.65	30.80	.....	13.25	3.05	— 1.10	10.30	17.45	12.40
17	0.55	.....	24.80	28.85	30.70	.....	12.65	2.60	— 1.20	10.40	17.65	12.15
18	1.00	.....	24.50	29.05	30.60	.....	12.10	2.25	— 1.30	10.40	17.85	12.05
19	1.85	26.30	24.60	29.25	30.45	.....	11.80	1.70	— 1.40	10.35	18.35	12.05
20	3.30	26.95	25.00	29.45	30.25	15.60	11.65	1.30	— 1.30	10.20	19.00	12.50
21	5.15	27.60	25.40	29.65	29.85	16.55	11.35	1.05	— 1.00	10.10	19.45	14.20
22	7.25	28.00	25.90	29.80	29.40	17.65	11.05	0.85	— 0.40	10.15	20.00	15.85
23	9.65	28.40	26.40	29.90	28.90	18.55	10.70	0.70	+ 0.00	10.20	20.90	17.65
24	12.60	28.70	26.90	30.00	28.50	19.55	10.10	0.55	0.55	10.40	21.75	19.55
25	14.95	28.95	27.40	30.10	27.60	20.55	9.25	0.40	1.35	11.15	22.55	20.30
26	17.45	29.15	27.80	30.20	26.45	20.90	9.00	0.30	2.25	12.00	23.00	21.75
27	19.95	29.40	28.00	30.30	25.30	21.10	9.70	0.20	3.10	12.90	23.50	22.60
28	21.80	29.60	28.35	30.40	24.40	20.90	10.65	0.35	3.60	13.50	23.85	23.60
29	23.70		28.60	30.50	23.60	20.45	10.95	0.65	3.90	14.00	24.00	24.80
30	25.00		28.70	30.50	22.75	19.95	10.85	0.70	4.15	14.45	24.00	26.00
31	25.70		28.80		21.70		10.20	0.60		14.70		27.00

Mississippi River.--Malone's Landing, Miss., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	27.10	30.90	32.58	30.83	23.72	28.15	29.00	16.35	7.25	5.55	1.02	2.42
2	27.30	30.90	32.52	30.73	23.70	28.10	28.97	15.60	7.08	4.95	1.02	2.36
3	27.30	31.10	32.42	30.63	23.62	28.05	28.95	14.90	6.98	4.35	1.04	2.29
4	27.45	31.25	32.32	30.53	23.48	.....	28.78	14.25	6.88	4.11	1.08	2.24
5	27.70	31.40	32.10	30.47	23.00	.....	28.65	13.65	6.82	4.19	1.16	2.20
6	27.80	31.45	32.20	30.40	23.35	.....	28.50	13.12	6.82	4.20	1.21	2.10
7	27.85	31.55	32.30	30.35	23.42	.....	28.50	12.75	6.92	4.04	1.26	2.19
8	28.00	31.65	32.18	30.27	23.58	.....	28.50	12.65	7.02	3.95	1.31	2.24
9	28.10	31.72	32.10	30.18	23.80	.....	28.53	13.15	7.12	3.80	1.36	2.78
10	28.10	31.85	32.12	30.05	24.40	.....	28.58	13.75	7.25	3.70	1.44	2.42
11	28.20	31.92	32.12	29.92	24.95	.....	28.62	14.15	7.40	3.70	1.60	2.52
12	28.30	32.02	32.35	29.88	25.65	.....	28.69	14.10	7.51	3.66	1.74	2.44
13	28.40	32.12	32.28	29.78	26.30	.....	28.76	14.10	7.52	3.61	1.81	2.29
14	28.40	32.20	32.12	29.68	26.82	.....	28.80	14.00	7.48	3.56	1.88	2.10
15	28.48	32.25	32.02	29.55	27.25	.....	28.83	13.85	7.38	3.52	2.02	1.78
16	28.58	32.28	31.98	29.35	27.42	.....	28.78	13.62	7.25	3.40	2.16	1.67
17	28.68	32.30	31.80	29.12	27.85	.....	28.72	13.30	7.40	2.12	2.60	1.54
18	29.05	32.35	31.70	28.92	28.15	.....	28.55	12.88	7.80	1.86	2.75	1.41
19	29.18	32.32	31.67	28.82	28.28	.....	28.28	12.38	8.35	1.72	2.88	1.10
20	29.35	32.30	31.62	28.78	28.32	.....	27.90	11.92	8.85	1.61	3.00	0.76
21	29.48	32.28	31.57	28.68	28.45	.....	27.35	11.62	9.20	1.44	3.14	0.58
22	29.58	32.22	31.47	28.48	28.58	.....	26.60	11.45	9.45	1.22	3.20	0.32
23	29.75	32.12	31.40	28.35	28.58	.....	25.65	11.22	9.65	1.12	3.22	0.15
24	29.90	32.10	31.35	27.85	28.55	.....	24.80	11.00	9.70	1.01	3.11	0.10
25	30.10	32.10	31.27	26.80	28.40	28.95	23.98	10.45	10.25	1.01	2.79	1.39
26	30.25	32.32	31.20	25.75	28.40	29.00	23.08	9.85	9.75	1.05	2.71	1.79
27	30.40	32.50	31.15	24.90	28.35	29.00	22.18	9.25	8.70	1.03	2.66	2.10
28	30.55	32.62	31.07	24.40	28.30	29.00	20.65	8.70	7.16	1.02	2.68	2.54
29	30.60		31.00	24.08	28.25	29.05	19.25	8.18	6.85	1.02	2.58	2.65
30	30.70		30.93	23.85	28.22	29.02	18.40	7.72	6.15	1.05	2.49	2.94
31	30.80		30.87		28.20		17.40	7.45		1.01		

Mississippi River.—Sunflower Landing, Miss., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.97
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.91
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.90
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.90
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.90
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.90
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.85
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.80
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.87
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.03
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.61	11.10
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.83	11.00
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.15	10.75
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.37	10.35
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.55	10.07
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.75	9.50
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.07	9.05
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.22	8.55
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.38	8.25
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.47	8.05
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11 62	7.77
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.70	7.55
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.60	7.50
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.53	7.26
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.41	8.05
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.34	8.46
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.28	9.36
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.18	10.35
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.06	11.37
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.00	12.53
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		13.35

Mississippi River.—Sunflower Landing, Ark., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	14.25	27.50	40.07	33.65	41.20	35.55	40 30	22.95	12.75	5.30	11.05	25.25
2	15.00	28 08	40.18	33.55	41.20	35.80	40.30	22.15	12.45	5.30	11.50	.....
3	15.25	28 62	40.27	33.30	41.20	36.15	40.30	21.40	11.95	5.30	12.25	.....
4	15.40	29.00	40.55	33.40	41.20	36.35	40.30	20.60	11.63	5.30	13 25	.....
5	15.15	29.05	40.85	34.00	41.20	36.55	40 30	20.35	11.28	5.65	14.35	.....
6	14.80	29.25	41.18	35.00	41.20	36.75	40.25	20.45	10.95	5.83	15.50	.....
7	14.45	29.50	41.30	36.10	41.20	36.80	40.15	21.10	10.60	5.90	16.38	.....
8	14.40	29.75	41.45	37.15	41.15	36.65	40.00	21.60	10 25	5.90	17.25	.....
9	14.32	29.65	41.60	37.95	41.00	36.50	39.80	21.85	9.95	6.03	18.25	.....
10	13.72	30.10	41.75	38.75	40.85	36.35	39.40	21.85	9.55	6.18	19.13	.....
11	13.40	30.10	41.75	39.30	40.65	36.20	38.85	21.60	9 30	6.40	19.38	.....
12	12.70	32.30	41.45	39.70	40.30	36.40	38.05	21.15	9.18	6.63	19.20	.....
13	12.30	33.45	41.33	39.95	39.45	36.80	36.75	20.80	8.45	6.85	18.95	.....
14	12.20	34.45	41.22	40.15	38.60	37.20	35.05	20.40	8.70	7.00	18.78	.....
15	12.23	35.50	41.20	40.35	37.45	37.60	33.35	20.00	8.45	7.12	18.80	.....
16	12.40	36.20	41.17	40.55	36.05	38.00	32.15	19.45	8.20	7.40	19.05	.....
17	12.48	37.15	41.10	40.65	34.50	38.40	31.05	18.80	7.95	7.80	19.32	.....
18	12 55	37.57	40.35	40.75	33.05	38.75	30.20	18 15	7.70	8.15	20.30	.....
19	12.50	38 10	40 15	40.90	31.50	39.05	29.75	17.55	7.18	8.45	21.32	.....
20	12.50	38.55	39.84	40.95	30.45	39.35	29.75	16.95	6.98	8.75	21.50	.....
21	12.72	38.92	39.60	41.00	29.75	39.45	29.95	16.55	6.78	9.05	21.30	.....
22	13.35	39.10	39.40	41.20	29.70	39.65	30.15	16.25	6.45	9.10	20.62	.....
23	14.10	39.27	38.92	41.15	30.25	39.85	30.45	16.00	6.23	9.28	20.45	.....
24	15.15	39.45	39.38	41.10	31.30	39.95	30.65	15.70	6.03	9.55	20.25	.....
25	15.90	39.56	.....	41.10	32.10	40 05	30.45	15.25	5.83	9.85	20.40	.....
26	16.80	39.70	.....	41.10	32.90	40.10	29.95	14.80	5.73	10.13	20.75	.....
27	18.30	39.90	.....	41.10	33.45	40.10	29.20	14.15	5.63	10.25	21.10	.....
28	20.17	39.97	.....	41.10	33.85	40.20	28.15	13.70	5.28	10.55	21.65	.....
29	21.80		.....	41.20	34.20	40.20	26.65	13.50	5.45	10.65	22.75	.....
30	24.42		.....	41.20	34.70	40.30	25.25	13.30	5.35	10.70	24.25	.....
31	26.00		.....		35.20		24.00	13.05		10.75		.....

Mississippi River.—St. Louis Landing, Ark., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.36
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.50
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.60
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.50
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.40
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.15
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33.75
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33.25
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33.00
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32.20
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31.20
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.70
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.15
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.20
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26.00
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.25
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.65
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.15
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.20
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.40
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.35
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.25
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.65
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.80
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.80
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.45
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.95
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.40
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.50
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.25

Mississippi River.—St. Louis Landing, Ark., 1891.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	36.00	33.95	47.38	46.10	45.65	33.40	32.60	24.08	18.10	17.20	23.40	17.78
2	37.75	33.65	47.65	46.10	45.58	32.65	32.32	24.40	18.02	18.60	23.35	18.30
3	38.75	33.60	47.85	46.08	45.50	32.10	32.08	24.90	18.10	20.45	22.98	18.52
4	39.90	33.65	48.01	46.00	45.50	31.73	31.85	25.45	18.40	22.42	22.90	18.50
5	40.65	34.20	48.13	46.00	45.48	31.43	31.68	25.90	18.82	24.12	22.78	18.35
6	41.25	35.60	48.20	46.05	45.35	31.23	31.49	26.38	19.15	25.55	22.45	18.02
7	42.00	37.70	48.20	46.12	45.28	31.13	31.42	26.65	19.58	26.32	22.12	17.50
8	41.85	40.00	48.05	46.15	45.25	31.03	31.42	26.65	19.78	26.75	21.62	16.80
9	41.45	41.75	47.85	46.22	45.18	31.35	31.30	26.48	19.82	26.80	21.20	16.15
10	40.60	43.00	47.68	46.28	45.22	31.80	31.12	26.32	19.70	26.40	20.65	15.60
11	39.90	43.80	47.65	46.40	45.15	32.08	31.06	26.15	19.35	26.05	20.15	15.20
12	39.25	44.30	47.50	46.58	45.15	32.35	31.05	25.88	18.82	25.62	19.75	14.80
13	37.90	44.70	47.25	46.62	45.15	32.70	31.08	25.35	18.20	25.22	19.40	14.70
14	37.00	44.95	47.05	46.75	45.08	33.08	31.08	24.80	17.68	24.85	18.92	14.35?
15	35.50	45.15	46.85	46.75	45.02	33.65	30.95	24.15	17.25	24.52	18.60	15.42
16	35.00	45.35	46.75	46.70	44.92	34.20	30.78	23.65	16.95	24.60	18.18	17.20
17	34.00	45.55	46.55	46.65	44.75	34.63	30.42	23.10	16.65	24.78	17.85	18.25
18	33.25	45.68	46.45	46.65	44.60	34.95	30.08	22.65	16.58	25.05	17.65	19.68
19	32.25	45.85	46.32	46.70	44.35	35.10	29.70	22.02	16.40	25.12	17.45	20.65
20	32.25	45.90	46.22	46.58	43.98	35.23	29.40	21.45	16.30	25.28	17.30	21.35
21	32.00	46.01	46.10	46.50	43.45	35.25	29.46	20.88	16.31	25.22	17.22	22.10
22	32.75	46.15	46.10	46.42	43.08	35.29	29.82	20.38	16.18	25.05	17.15	22.55
23	33.90	46.20	46.10	46.32	42.42	35.12	30.00	19.92	15.98	24.85	17.12	22.70
24	34.10	46.28	46.10	46.12	41.58	34.85	29.65	19.60	15.90	24.50	17.02	22.45
25	34.55	46.35	46.10	46.02	40.72	34.58	28.72	19.20	15.90	24.02	16.85	21.90
26	34.95	46.38	46.10	45.95	39.75	34.30	28.00	19.04	15.82	23.58	16.65	21.05
27	35.00	46.55	46.10	45.87	38.65	33.98	26.95	19.06	15.75	23.45	16.52	20.18
28	34.95	46.75	46.10	45.78	37.45	33.60	26.00	18.98	15.82	23.28	16.48	19.75
29	34.75	47.00	46.10	45.70	36.35	33.20	25.05	18.75	16.02	23.25	16.58	20.20
30	34.45		46.10	45.68	35.22	32.93	24.40	18.50	16.40	23.22	17.05	21.58
31	34.20		46.10		34.20		24.10	18.25		23.32		23.85

Mississippi River.—Glendale, Miss., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.56
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.36
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.80
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.30
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.63
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.00
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.30
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.60
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.30
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.90
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.50
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.60
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.80
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.33
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.93
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.96
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.56
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.83
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.63
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	24.14
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1 70	24.43
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.20	24.50
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.40	24.20
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.20	23.63
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.70	22.93
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.20	22.30
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.10	22.13
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.90	22.96
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.40	24.33
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.86	25.76
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		27.00

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	28.10	27.50	35.33	37.10	27.60	15.53	.....	14.06	.....	.....	.....	.....
2	29.03	25.73	35.53	37.10	27.80	15.86	.....	13.37	.....	.....	.....	.....
3	29.73	24.10	35.73	37.07	28.43	16.50	.....	12.60	.....	.....	.....	.....
4	30.30	22.50	35.83	36.86	29.30	17.20	.....	11.80	.....	.....	.....	.....
5	30.86	21.10	35.93	36.60	30.10	18.13	.....	10.70	.....	.....	.....	.....
6	31.23	19.80	36.00	36.23	30.63	18.73	.....	10.36	.....	.....	.....	.....
7	31.43	18.66	36.06	35.60	31.10	19.20	.....	9.70	.....	.....	.....	.....
8	31.53	17.76	36.10	34.93	31.50	19.53	.....	9.30	.....	.....	.....	.....
9	31.60	17.10	36.00	34.40	31.73	19.73	.....	8.90	.....	.....	.....	.....
10	31.47	16.70	36.00	33.90	31.90	19.93	.....	8.40	.....	.....	.....	.....
11	31.50	16.30	36.03	33.48	31.90	20.00	28.03	7.86	.....	.....	.....	.....
12	31.90	16.20	36.30	33.20	31.76	19.86	28.23	7.50	.....	.....	.....	.....
13	32.33	16.50	36.20	32.90	31.27	19.40	28.40	7.20	.....	.....	.....	.....
14	32.70	17.40	36.30	32.60	30.40	18.90	28.30	6.96	.....	.....	.....	.....
15	33.10	18.20	36.50	32.30	29.26	18.46	27.86	6.76	.....	.....	.....	.....
16	33.50	19.70	36.60	32.00	27.80	18.26	27.36	6.66	.....	.....	.....	.....
17	33.90	22.93	36.60	31.53	26.13	18.00	26.76	6.56	.....	.....	.....	.....
18	34.13	25.50	36.70	30.80	24.46	17.60	26.00	6.46	.....	.....	.....	.....
19	34.43	27.63	36.80	30.20	22.63	17.03	25.20	6.23	.....	.....	.....	.....
20	34.60	29.33	36.80	29.80	20.93	16.43	24.30	6.06	.....	.....	.....	.....
21	24.73	30 60	36.90	29.40	20.26	16.00	23.40	5.80	.....	.....	.....	.....
22	34.83	31.60	36 90	29.20	19.60	15.80	22.40	5.56	.....	.....	.....	.....
23	34.90	32.40	36.90	29.20	18.56	.....	21.40	5.30	.....	.....	.....	.....
24	34.70	33.03	37.00	29.30	17.80	.....	21.43	5.00	.....	.....	.....	.....
25	34.30	33.60	37.00	29.40	17.40	.....	19.43	4.60	.....	.....	.....	.....
26	33.97	34.10	37.00	29.40	17.16	.....	18.43	4.20	.....	.....	.....	.....
27	33.53	34.40	37.00	29 26	16.86	.....	17.50	3.76	.....	.....	.....	.....
28	32.70	34.80	37.00	28.90	16.60	.....	16.70	3.40	.....	.....	.....	.....
29	31.76	35.14	37.00	28.43	16.36	.....	15.93	.....	.....	.....	.....	.....
30	30.53		37.03	27.90	15.90	.....	15.33	.....	.....	.....	.....	.....
31	29 10		37.10		15.66	.....	14.73	.....	.....	.....	.....	.....

Mississippi River.—Glendale, Miss., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	35.40	34.20	37.40	25.26	.....	.....	.....	.....	.....	.....
2	.....	.....	35.50	34.20	37.50	24.50	.....	.....	.....	.....	.....	.....
3	.....	.....	35.70	.....	37.50	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	35.70	33.90	37.50	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	35.70	33.76	37.50	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	35.56	33.66	37.60	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	35.30	33.60	37.60	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	34.90	33.56	37.63	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	34.20	33.37	37.70	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	33.36	33.13	37.70	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	32.26	33.00	37.80	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	31.00	33.03	37.83	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	30.17	33.33	37.90	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	29.20	33.53	37.90	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	28.30	33.80	37.86	.....	.....	.....	.....	.....	.....	.....
16	.....	29.00	27.73	34.13	37.77	.....	.....	.....	.....	.....	.....	.....
17	.....	30.00	27.50	34.50	37.56	.....	.....	.....	.....	.....	.....	.....
18	.....	30 96	27.73	34.90	37.26	.....	.....	.....	.....	.....	.....	.....
19	.....	31.70	.....	35.20	36.76	.....	.....	.....	.....	.....	.....	.....
20	.....	32.30	28.70	35.43	36.03	.....	.....	.....	.....	.....	.....	.....
21	.....	32.70	29.30	35.73	35.20	.....	.....	.....	.....	.....	.....	.....
22	.....	33.10	30.13	36.03	34.23	.....	.....	.....	.....	.....	.....	.....
23	.....	33.50	31.00	36.30	33.46	.....	.....	.....	.....	.....	.....	.....
24	.....	34.00	31.73	36.53	33.10	.....	.....	.....	.....	.....	.....	.....
25	.....	34.43	32.33	36.73	31.96	.....	.....	.....	.....	.....	.....	.....
26	.....	34.60	33.10	36.93	30.90	.....	.....	.....	.....	.....	.....	.....
27	.....	34.90	33.30	37.10	29.86	.....	.....	.....	.....	.....	.....	.....
28	.....	35.13	.....	37.20	28.96	.....	.....	.....	.....	.....	.....	.....
29	.....		33.80	37.33	27.43	.....	.....	.....	.....	.....	.....	.....
30	.....		34.00	37.40	26.73	.....	.....	.....	.....	.....	.....	.....
31	.....		34.10		26.03	.....	.....	.....	.....	.....	.....	.....

Mississippi River. Helena, Ark., 1871.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.87
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.98
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6 35
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.60
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.45
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.20
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.80
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.30
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.75
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.25
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.75
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.35
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.12
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.05
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.10
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.15
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.25
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.30
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.30
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.29
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.20
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.15
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.95	3.03
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.05	2.70
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.15	1.93
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.30	2.00
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.60	1.52
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.75	1.20
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.93	1.15
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.95	1.25
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		1.40

Mississippi River.—Helena, Ark., 1872.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1.75	5.57	15.40	15.40	37.55	25.40	20.90	23.00	12.60	6.10	3.35	3.80
2	2.80	4.80	15.60	15.00	36.40	25.00	20.65	23.10	12.35	6.20	3.15	3.50
3	3.90	3.70	15.80	14.90	35.00	24.60	20.40	23.00	11.95	6.45	3.15	3.25
4	5.20	2.75	15.75	15.20	33.00	23.90	19.80	22.85	11.60	6.50	3.10	3.00
5	6.20	2.30	15.65	15.70	30.80	23.00	19.40	22.40	11.30	6.40	3.05	2.70
6	6.80	2.20	15.42	17.30	28.50	22.25	19.10	22 00	10.80	6.30	3.00	2.40
7	7.45	2.05	15.20	18.55	26.40	21.70	18.80	21.40	10.55	6.20	3.00	2.10
8	8.80	2.30	15.10	20.80	24.80	21.70	18.80	20.70	10 20	6.10	3.00	1.90
9	10.70	2.60	14.80	21.85	23.90	21.80	18.90	20.00	10.00	5.95	3.00	1.70
10	12.50	2.90	14.60	22.30	23.05	22.00	19.00	19.20	9.75	5.80	3.20	1.60
11	13.75	3.00	14.47	22.95	22.40	22.20	18.90	18.40	9 60	5.60	3.70	1.50
12	14.45	3.20	14.30	24.80	21.55	22.80	18.80	17.50	9.35	5.45	4.70	1.50
13	14.80	3.70	14.25	27.80	20.60	23.20	18.60	16.50	9.20	5.30	5.85	1.50
14	15.00	4.20	14.20	30.95	19.60	23.90	18.00	16.30	8.90	5.20	6.50	1.80
15	15.15	5.00	14.23	33.20	18.55	24.80	17.40	16.20	8.60	5.05	6.70	1.90
16	15.20	5.40	14.55	34.80	17.65	25.40	17.10	16.10	8.50	4.90	6.55	2.05
17	15.05	6.00	15.00	35.85	17.10	26.10	16.70	15.90	8.20	4.80	6.30	1.95
18	14 65	6.60	15.45	36.65	17.65	26.40	16.50	15 70	8.05	4.65	6.00	1.90
19	14.10	7 00	16.00	37.20	19.20	26.40	16.50	15.55	7.85	4.55	5.75	1.85
20	13.35	7.30	16.40	37.60	20.40	26.30	16.95	15.40	7.60	4.45	5.55	1.80
21	12.45	7.70	16.90	38.00	21.40	26.10	18.10	15.30	7.45	4.35	5.70	1.90
22	11.50	8.10	17.30	38.30	23.15	25.80	19.80	15.20	7.20	4.30	6.05	2.10
23	10.60	8.80	17.80	38.60	22.50	25.20	20.30	15.10	7.00	4.20	6.40	2.30
24	9.80	9.80	17.80	38.80	23.00	24.60	20.30	15.00	6.85	4.20	6.40	2.20
25	9.10	10.80	18.00	38.92	23.90	24 20	20.10	14.80	6.70	4.20	6.30	1.80
26	8.60	11.70	18.05	39.03	24.75	24.00	20.10	14.75	6.60	4.20	5.90	0.00
27	8.00	12.85	18.00	39.00	25.20	23.40	20.30	14 20	6.50	4.00	5.50	0.20
28	7.60	14.00	17.65	38.90	25.45	22.60	21.00	13.85	6.20	3.90	5.10	3.70
29	6.90	14.85	17.10	38.60	25.50	22.20	21.80	13.60	6.00	3.75	4.65	7.05
30	6.50		16.50	38.15	25.40	21.40	22.20	13.20	6.10	3.60	4.20	9.20
31	6.00		15.85		25.45		22.85	12.80		3.45		11.70

Mississippi River.—Helena, Ark., 1873.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	14.00	23.00	39.25	29.80	35.40	32.40	27.40	20.95	9.30	4.95	4.05	12.30
2	14.30	22.80	39.50	30.80	34.50	33.25	27.25	20.75	9.35	4.80	4.05	13.20
3	13.00	22.20	39.70	31.65	33.50	33.80	27.40	20.35	9.35	4.70	4.40	13.55
4	12.70	21.40	39.82	32.65	32.50	34.25	27.50	19.90	9.40	4 60	5.45	14.20
5	10.70	20.30	39 92	33.10	32.70	34.40	27.55	19.40	9.80	4.45	7.40	15.45
6	9.80	19.00	40.00	33.95	33.20	34.20	27.55	18.85	9.10	4.35	9.00	16.70
7	9.10	17.70	39.95	34.50	33.75	33.80	27.50	18.25	8.90	4.40	10.50	18.10
8	8.60	16.40	39.80	35.10	34.20	33.00	27.45	17.55	8.75	4.45	11.30	19.10
9	8.60	15.50	39.30	35.50	34.60	32.20	27.40	16.90	8.60	4.35	12.10	20.00
10	9.60	14.90	38.55	35.80	34.80	31.50	27.50	16.20	8.50	4.30	12.35	21.40
11	11.50	15.10	37.40	36.20	35.05	30.65	28.05	15.60	8.50	4.25	12.40	23.05
12	13.60	16.10	35.70	36.90	35.25	30.30	28.55	15.05	8.55	4.25	12.15	24.50
13	15.00	18.25	33.70	37.90	35.50	30.10	28.95	14.60	8.55	4.35	11.70	25.80
14	16.15	21.35	31.60	38.10	35.80	30.00	29.50	14.30	8.50	4.32	11.40	26.70
15	17.25	24.40	28.90	38.60	36.20	29.95	29.90	14.00	8.25	4.22	10.10	27.50
16	18.55	27.45	26 50	38.90	36.65	29.75	30.20	13.75	7.95	4.10	9.70	28.50
17	19.20	30.65	24.70	39 25	37.20	29.40	30.40	13.45	7.70	4.00	9.00	29.50
18	19.05	31.95	23.60	39.40	37.85	29.50	30.30	13.20	7 50	4.05	8.30	30.50
19	18.60	33.30	23.10	39.60	38.10	29.50	30.10	12.95	7.20	4.00	7.80	31.60
20	18.00	35.50	23.05	39.70	38.40	29.55	29.40	12.65	6.90	4.00	7.20	32.50
21	17.40	35.60	23.05	39 70	38 70	29.80	28.60	12.30	6.65	4.02	6.80	33.10
22	17.35	36.00	23.35	39.70	38.80	29.80	27.65	12.00	6.40	4.00	6.50	33.50
23	17.70	36.70	23.85	39.65	38.75	29.80	26.35	11.70	6.15	4.20	6.60	33.45
24	18.00	37.30	24.50	39.50	38.40	29.65	25.20	11.25	5.90	4.30	6.80	33.50
25	17.95	37.90	25.15	39.30	37.70	29 50	24.10	10.90	5.65	4.45	7.10	33.50
26	17.90	38.30	25.75	38.80	36.65	29.35	23.20	10.50	5.40	4.65	7.50	33.45
27	18.10	38.65	26.15	38.30	35.35	29.20	22.60	10.05	5.25	4.80	7.80	33.30
28	19.30	38.90	26.45	37.80	33.80	28.40	22.30	9.90	5 15	4.80	8.20	32.60
29	20.70		26.95	37.00	32.60	27.90	21.95	9.60	5.20	4.65	9.30	31.80
30	22.00		27.55	36.00	32.00	27.70	21.60	9.35	5.10	4.45	10.95	30.70
31	22.80		28.75		31.65		21.25	9.30		4.15		29.10

Mississippi River.—Helena, Ark., 1874.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	27.20	30.60	37.70	42.40	43.20	24.00	18.15	12.25	6.75	7.40	5.60	9.40
2	24.90	31.45	38.40	42.37	43.35	23.00	17.50	12.00	6.65	7.70	5.55	10.40
3	22.80	32.30	39.00	42.35	43.50	22.20	16.80	11.80	6.55	7.95	5.40	11.35
4	20.70	32.95	39.45	42.30	43.65	21.60	16.20	11.80	6.60	8.15	5.20	11.80
5	18.70	33.30	39.70	42.20	43.90	21.80?	15.65	11.95	7.10	8.35	5.05	11.75
6	17.00	33.50	40.40	42.10	44.30	20.70	15.20	12.25	8.55	8.48	4.75	11.35
7	15.90	33.50	40.70	42.07	44.70	19.60	14.90	12.50	10.60	8.30	4.50	11.10
8	14.70	33.20	40.85	41.85	45.18	18.50	14.65	12.85	12.40	8.00	4.25	11.20
9	13.80	32.80	41.00	41.65	45.50	17.50	14.50	13.25	13.40	7.70	4.05	11.35
10	13.50	31.90	41.20	41.35	45.72	16.65	14.45	13.60	13.55	7.45	3.95	11.50
11	13.50	30.80	41.35	41.05	45.82	15.90	14.40	13.70	13.00	7.30	3.90	11.40
12	14.70	29.50	41.50	40.85	45.70	15.30	14.30	13.55	12.10	7.20	3.85	11.10
13	16.60	28.50	41.60	40.75	45.50	14.80	14.15	13.20	11.05	7.10	3.80	10.60
14	20.00	26.50	41.70	40 75	45.35	14.45	14.05	12.70	10.00	7.08	3.80	9.90
15	23.70	24.50	41.85	41.00	45 20	14.60	14.15	12.10	9.10	6.95	3.75	9.20
16	26.50	23.60	41.95	41.20	45.00	15.60	14.15	11.35	8.30	6.95	3.70	8.60
17	28.50	23.10	42.05	41.35	44.80	16.80	14.15	10.65	7.65	6.90	3.85	8.15
18	29.50	22.70	42.10	41.75	44.50	17.85	14.20	10.00	7.10	6.90	3.90	7.70
19	30.30	23.20	42.30	41.80	44.05	18.70	14.15	9.45	6.60	6.85	4.35	7.50
20	30.70	24.20	42.37	42.05	43.40	19.00	14.05	9.00	6.15	6.85	5.10	7.45
21	31.00	25.70	42.40	42.20	41.90	19.25	13.80	8.60	5.75	6.80	5.75	7.35
22	31.00	27.20	42.42	42.35	40 40	19.60	13.50	8.25	5.45	6.80	6.20	7.30
23	30.50	28.80	42.40	42.55	38.80	20.10	13.10	8.30	5.20	6.75	6.55	7.15
24	29.70	30.70	42.35	42.65	36.90	20.50	12.70	7.95	5.15	6.65	6.70	7.15
25	28.50	32.45	42.30	42.70	35.40	20.70	12.40	7.65	5.15	6.50	6.80	7.13
26	27.15	34.00	42.30	42 78	33.50	20.78	12.15	7.45	5.25	6.30	7.05	7.28
27	26.15	35.60	42.26	42.83	31.75	20.50	12.05	7.25	5.50	6.15	7.25	7.80
28	25.80	36.80	42.20	42.90	30.20	20.00	12.10	7.05	5.95	5.95	7.55	8.80
29	26.60		42.25	43.00	28 65	19.45	12.30	6.85	6.50	5.85	7.85	10.00
30	28.00		42.25	43.10	27.05	18.90	12.40	6.70	7.00	5.70	8.50	11.30
31	29.50		42.40		25.40		12.40	6.70		5.60		12.20

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	13.60	11.50	13.30	41.90	30.00	24.05	29.60	40.45	27.00	19.40	8.65	20 65
2	15.50	14 90	15.50	42.00	29.95	23.50	29 95	40.50	25.40	18.50	8.40	22.00
3	17.10	18.10	20.10	42.05	30.50	23.00	30.30	40.55	24.00	17.60	8.25	23.40
4	18.35	20.80	25.10	42.10	31.50	22.35	30.85	40.65	22.90	16.80	8.10	24.40
5	19.50	23.15	29.00	42.15	32.60	21.70	31.30	40.80	21.85	16.05	8.10	24.95
6	20.65	24.90	31.75	42.15	33.90	21.20	31.80	40.95	20.90	15.50	7.95	25.05
7	21.85	26.20	33.90	42.15	35.20	20.85	32.15	41.05	20.20	14.95	7.80	24.80
8	22.80	27.10	35.20	42.15	36.20	20.65	32.40	41.15	19.55	14.45	7.70	24.30
9	23.80	27.70	36.15	42.30	36.90	20.60	32.60	41.25	18.95	13.95	7.60	23.60
10	24.70	28.20	36.80	42.30	37.40	21.10	32.70	41.35	18.30	13.55	7.65	22.75
11	25.10	28.65	37.40	42.36	37.60	22.00	32.75	41.50	17.70	13.15	7.65	21.80
12	25.20	28.40	38.00	42.40	37.65	22.95	32.95	41.60	17.00	12.75	7.67	21.00
13	24.70	27.80	38.40	42.40	37.50	23.65	33.50	41.70	16.50	12.40	7.80	20.60
14	23.70	26.60	38.70	42.40	37.20	24.00	34.20	41.80	16.30	12.20	8.00	20.55
15	22.35	25.00	39.00	42.37	36.65	24.00	34.90	41.90	16.80	12.00	8.35	20.65
16	20.60	22.90	39.20	42.30	36.00	23.90	35.50	42.00	17.80	11.75	8.95	20.70
17	18.50	21.05	39.55	42.10	35.25	23.55	36.10	42.05	18.75	11.65	10.20	20.65
18	16.30	19.10	39.65	41.90	34.35	23.05	36.70	42.10	19.55	11.60	11.60	20.60
19	14.30	17.45	39.90	41.50	33.35	22.65	37.15	42.15	19 85	11.55	12.80	20.65
20	12.60	16.20	40.20	41.00	32.30	22.35	37.60	42.20	19.85	11.30	13.60	20.70
21	11.10	15.25	40.35	40.30	31.20	22.30	38.05	42.25	19.70	11.00	14.15	20.50
22	9.95	14.80	40.60	39.20	30.10	22.45	38.45	42.25	19.35	10.60	14.50	20.00
23	9.10	14.35	40.80	38.10	29.10	23.10	38.80	42.15	19.10	10.20	14.60	19.20
24	8.30	14.00	40.90	36.90	28.20	23.90	39.15	41.70	19.00	9.80	14.75	18.35
25	7.65	13.80	40.95	35.70	27.35	24.80	39.50	40.80	19.45	9.40	14.80	17.50
26	7.05	13.50	41.05	34.55	26.50	26.10	39.70	39.30	20.10	9.30	15.00	16.70
27	6.55	13.05	41.30	33.55	25.90	27.10	39.90	37.40	20.60	9.15	15.55	16.20
28	6.50	12.65	41.50	32.35	25.50	27.80	40.10	35.40	20.80	9.00	16.45	16.05
29	7.30		41.60	31.50	25.20	28.50	40.20	33.10	20.60	8.95	17.60	16.60
30	8.15		41.65	30.60	25.05	29.10	40.30	31.00	20.15	8.90	19.20	17.90
31	9.30		41.75		24.55		40.35	28.90		8.80		20.90

Mississippi River.—Helena, Ark., 1876.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	24.40	39.65	42.55	42.40	43.50	33.45	34.10	26.75	17.50	23.90	10.75	11.85
2	27.40	40.00	42.05	42.60	43.35	32.90	34.30	25.55	17.40	24.15	11.10	12.00
3	29.80	40.35	41.30	42.70	43.15	31.95	34.35	24.60	17.15	24.15	11.20	12.25
4	31.65	40.60	40.00	42.85	42.85	31.25	34.35	23.90	16.85	23.75	11.10	12.50
5	33.00	40.85	38.30	43.00	42.55	30.80	34.30	23.20	16.50	23.25	11.05	12.75
6	34.00	41.10	36.20	43.10	42.15	30.65	34.30	22.35	16.20	22.50	11.50	12.75
7	34.90	41.30	34.50	43.20	42.00	30.60	34.25	21.50	16.15	21.40	12.40	12.50
8	35.75	41.45	32.40	43.35	41.60	30.60	34.20	20.60	16 40	20.30	13.30	11.90
9	36.50	41.60	30.40	43.45	41.45	30.25	34.40	19.80	16.45	19.15	13.90	11.25
10	37.20	41.70	28.80	43.55	41.35	30.10	34.90	19.35	16.40	18.10	14.05	10.60
11	37.80	41.80	27.25	43.65	41.35	30.05	35.55	19.25	16 65	17.15	14.00	9.90
12	38.30	41.95	26.50	43.80	41.40	30.10	36.10	19.15	17.70	16.30	13.80	9.15
13	38.40	42.05	25.90	44.05	41.50	30.20	36.40	18.85	19.05	15.50	13.70	8.45
14	38.10	42.15	25.85	44.25	41.65	30.00	36.55	18.60	20.00	14.80	13.60	7.70
15	37.40	42.25	26.90	44.40	41.75	29.70	36.75	18.80	20.65	14.20	13.55	7.10
16	36.15	42.33	29.00	44.60	41.80	29.25	36.80	19.05	21.10	13.80	13.50	6.55
17	34.40	42.38	30.80	44.80	41.90	28.85	36.83	19.10	21.45	13.40	13.45	6.00
18	32 60	42.43	32.40	44.85	41.95	28.75	36.80	19.00	21.75	12.95	13.30	5.70
19	30.70	42 50	34.00	44.85	42.00	29.80	36.70	19.00	21.95	12.50	13.20	5.45
20	29.10	42.55	35.60	44.83	42.05	31.50	36.60	18.85	22.25	12.15	12.95	5.20
21	29.00	42.65	36.70	44.77	42.05	32.80	36.50	18.60	23.00	11.85	12.70	4.90
22	30.30	42.72	37.50	44.70	42.00	33.80	36.40	18.25	23.90	11.70	12.35	4.45
23	31.70	42.80	37.90	44.60	41.85	34.25	36.20	18.10	24.65	11.30	12.20	3.90
24	33.20	42.85	39.00	44.45	41.60	34.40	35.90	18.20	25.05	11.10	12.05	3.70
25	34.70	42.95	39.80	44.35	41.10	34.30	35.40	18.35	24.95	10.85	11.95	3.80
26	35.90	42.98	40.45	44.20	40.30	34.05	34.80	18.45	24.50	10.70	11.90	3.90
27	36.90	43.00	41.00	44.00	39.20	33.90	33.80	18 65	23.85	10.55	11.80	3.90
28	37.70	42.90	41.50	43.90	37.80	33.75	32.60	18.70	23.15	10.45	11.70	3.95
29	38.40	42.80	41.80	43.75	36.60	33.65	31.20	18.50	22.90	10.40	11.65	4.00
30	38.85		42.05	43.50	35.50	33.75	29.60	18.10	23.30	10.35	11.70	3.50
31	39.30		42.20		34.35		28.15	17.70		10.45		3.00

Mississippi River.—Helena, Ark., 1877.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	2.90	37.00	14.50	31.70	41.80	30.60	31.15	21.00	9.25	7.75	10.90	17.35
2	2.50	37.00	14.10	31.95	41.75	29.40	31.40	20.30	9 15	7.40	11.50	18.30
3	1.90	36.60	13.70	32.40	41.70	27.85	31.80	19.80	9.05	7.10	11.80	19.35
4	1.70	35.60	13.35	33.00	41.70	26 45	32.10	19.30	9.00	6.80	11.95	20.80
5	1.80	34.00	13.05	33.85	41.55	25.25	32.[illegible]5	18.85	9.00	6.50	11.90	22.30
6	2.25	31.90	12 80	34.80	41.40	24.65	32.45	18.40	9.05	6.30	11.50	23.70
7	2.90	29.00	12.70	35.90	41.25	24.70	32.48	18.00	8.80	6.15	11.20	24.15
8	3.65	26.20	12.70	36.90	40 85	25.50	32.40	17.65	8.80	5.90	11.50	23.90
9	3.90	23.90	12.65	37.60	40.40	29.35	32.25	17.45	9.20	5.70	12.25	23.20
10	4.00	22.60	12.90	37.95	40.00	30.90	31.90	17.05	9.40	5.55	13.00	22.00
11	4.50	22.30	13.05	38.25	39.55	31.90	31.30	16.65	9.35	5.40	13.45	20.65
12	4.10	22.50	13.70	38.40	39.05	32.50	30.50	15.85	9.15	5.25	13.70	19.30
13	3.85	22.90	14.65	38.65	38.50	32.45	29.70	15.25	9.00	5.15	13.60	18.10
14	3.75	23.45	16.05	38.90	37.90	32.60	28.70	14.75	8.95	5.10	13.45	17.10
15	5.30	24.05	18.20	39.20	37 35	33.40	27.65	14.40	8.85	5.10	13.30	16.60
16	6.25	24.35	21.10	39.50	36.80	34.35	26.85	14.00	8.70	5.05	13.10	16.20
17	7.60	24.30	23.95	39.80	36.35	34.90	26.25	13.75	8.60	5.00	12.80	16.00
18	8.80	23.90	26.35	40.40	36.10	35.05	25.70	13.60	8.35	5.20	12.40	16.00
19	10.15	23.15	28.20	40.80	36.05	35.30	25.45	13.35	8.25	5.40	12.10	16.20
20	13.55	22.15	29.55	41.00	36.15	35.40	25.05	13.05	8.10	5.40	12.40	16.45
21	19.65	20.95	30.40	41.10	36.20	35.45	24.40	12.55	8.05	5.50	13.05	16.55
22	24.65	19.90	31.10	41.10	36.25	35.50	23.70	11.95	7.95	5.55	13.45	16 45
23	28.20	18.80	31.55	41.05	36.25	35.35	23.05	11.60	7.80	5.65	14.05	16.10
24	30.55	17.75	31.75	41.05	36.20	34.95	22.65	11.20	7.70	5.75	14.40	15.75
25	32.20	16.80	31.95	41.10	36.05	34.25	22.60	10.80	7.60	6.00	14.65	15.55
26	33.50	16.00	32.00	41.10	35.80	33.75	22.80	10.45	7.60	6.55	14.90	15.65
27	34.60	15.50	32.00	41.50	35.40	33.05	22.95	10.15	8.15	7.10	15.35	15.95
28	35.45	15.00	31.90	41.60	34.50	32.40	22.85	9.80	8.50	7.90	15.90	16.65
29	35.90		31.70	41.70	33.50	32.00	22.55	9.55	8.55	8.80	16.30	17.65
30	36.40		31.60	41.80	32.65	31.75	22.15	9.40	8.20	9.70	16.80	19.20
31	36.85		31.50		31.85		21.55	9.25		10.40		21.00

Mississippi River.—Helena, Ark., 1878.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	22.75	23.85	34.35	26.85	38.05	34.00	28.05	18 85	.....	.....	7.55	9.90
2	24.40	24.25	34.95	25.30	38.45	33.60	27.65	18.60	.....	.....	7.35	10.10
3	25.70	25.30	35.40	24.30	38.75	33.25	27.15	18.70	.....	.....	7.25	10.50
4	27.00	26.60	35.60	23.60	38.75	32.75	26.85	19.15	.....	.....	7.25	12.00
5	28.00	27.60	35.70	23.15	38.50	32.25	26.70	19.85	.....	.....	7.45	15.40
6	28.75	28.50	35.85	22.55	38.15	31.75	26.80	20.35	.....	.....	7.95	19.40
7	28.95	29.10	35.95	22.05	37.75	31.15	26.85	20.40	.....	.....	8.40	22.40
8	28.85	29.40	36.00	21.55	37.45	30.60	26.95	20.20	.....	.....	8.80	24.55
9	28.40	29.55	36.00	21.55	37.05	30.15	27.15	19.95	.....	.....	9.00	26.10
10	27.75	29.40	36.50	21.80	36.60	29.95	27.55	19.70	.....	.....	9.20	26.85
11	26.80	28.95	36.45	22.10	36.45	29.75	27.80	19.40	.....	.....	9.55	27.10
12	25.50	28.30	36.20	22.35	36.10	29.45	27.85	19.10	.....	.....	9.45	27.10
13	24.20	27.80	35.80	22.50	35.75	29.10	27.70	18.95	.....	.....	9.55	26.95
14	22.80	27.50	35.55	23.10	35.40	28.75	27.30	18.80	.....	.....	9.55	27.00
15	21.30	27.75	35.75	23.70	34.85	28.60	26.75	18.65	.....	.....	9.50	27.25
16	19.75	28.45	36.25	24.40	34.05	28.60	26.00	18.40	.....	.....	9.40	27.55
17	18.55	29.20	36.75	25.00	33.30	28.80	25.10	18.10	.....	.....	9 25	27.75
18	17.75	29.85	37.15	25.35	32.40	29.20	24.10	17.60	.....		9.00	27.85
19	17.45	30 20	37.50	25.50	31.80	29.70	23.35	17.00	.....	7.70	8.75	27.75
20	17.65	30.50	37.80	26.00	31.15	29.95	22.60	16.60	.....	7.60	8.50	27.70
21	18.45	31.05	37.90	26.25	30.50	30.25	21.85	16.10	.....	7.55	8.30	27.75
22	20.55	31.45	37.90	26.30	30.00	30.50	21.30	15.70	.....	7.50	8.15	27.85
23	22.20	31.60	37.75	27.90	29.85	30.60	21.00	15.20	.....	7.40	8.05	27.85
24	23.60	31.60	37.40	29.35	30.05	30.45	20.75	14.80	.....	7.30	8.00	27.70
25	24.45	31.65	36.90	30.60	30.90	30.25	20 45	14.40	.....	7.25	8.05	27.40
26	24.85	31.85	36.00	32.20	32.15	30.10	20.15	14.00	.....	7.30	8.35	26.80
27	24.95	32.55	35.00	33.70	33.25	29.90	19.85	14.10	.....	7.40	8.75	25.80
28	24.85	33.45	33.60	35 00	33.95	29.65	19.65	14.60	.....	7.80	8.95	24.40
29	24.55		32.00	36.30	34.25	29.05	19.60	15.20	.....	7.90	9.25	22.80
30	24.25		30.20	37.40	34.40	28.85	19.40	15.40	.....	7.90	9.55	21.00
31	24.00		28.50		34.30		19.10	15.00	.....	7.80		19.15

Mississippi River.—Helena, Ark., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	17.40	37.10	27.00	33.60	26.15	13.10	17.80	16.60	14.45	.....	.....	13.75
2	15.95	36.70	26.95	33.70	25.05	13.55	17.85	16.60	14.45	.....	.....	13.70
3	14.65	36.05	26.65	33.60	24.00	14.15	18.35	16.50	14.45	.....	.....	14.00
4	14.00	35.50	26.40	33.50	22.90	14.85	18.10	16.20	14.45	.....	.....	14.45
5	12.90	35.25	25.75	33.35	21.90	15.55	20.00	15.70	14.45	.....	.....	14.90
6	11.75	35.00	25.35	33.20	20.90	16.20	20.60	15.45	15.05	.....	.....	15.15
7	10.60	34.90	25.05	33.35	19.90	16.75	20.75	15.10	16.05	.....	.....	15.40
8	9.80	34.90	24.85	33.40	19.00	17.25	20.80	15.00	16.90	.....	.....	15.60
9	9.10	35.05	24.75	33.45	18.20	17.90	20.60	14.80	17.70	.....	4.40	16.20
10	8.50	35.40	24.65	33.50	17.50	18.35	20.20	14.70	18.45	.....	4.40	17.25
11	8.20	35.85	24.55	33.50	16.85	18.50	19.70	14.80	19.00	.....	4.30	18.65
12	8.40	36.05	24.35	33.15	16.25	18.45	19.00	14.90	19.00	.....	4.20	19.80
13	8.90	36.20	24.05	32.70	15.80	18.40	18.60	15.25	18.65	.....	4.15	20.70
14	9.70	36.00	23.70	32.10	15.50	18.30	18.10	15.40	.....	.....	4.10	22.20
15	10.40	35.65	23.60	31.80	15.25	18.15	17.70	15.40	.....	.....	4.35	24.15
16	14.20	35.00	24.05	32.05	15.15	17.80	17.30	15.20	.....	.....	4.30	26.10
17	16.60	34.10	24.65	32.50	15.10	17.45	16.80	14.80	.....	.....	4.25	27.85
18	19.50	32.75	25.60	32.85	15.00	17.30	16.50	14.35	.....	.....	4.65	29.05
19	21.70	31.00	26.55	33.15	14.65	17.35	16.35	13.95	.....	.....	4.80	30.00
20	23.50	28.90	27.40	33.30	14.35	17.30	16.40	13.50	.....	.....	5.20	30.40
21	25.65	27.25	28.20	33.30	14.30	17.25	16.45	13.30	.....	.....	6.40	30.80
22	27.90	25.90	29.15	33.10	14.20	17.20	16.50	13.15	.....	.....	9.80	30.80
23	30.50	25.25	29.80	32.80	14.10	17.15	16.50	13.00	.....	.....	12.50	30.65
24	32.50	25.35	30.30	32.40	14.05	17.30	16.40	13.50	.....	.....	14.15	30.15
25	34.00	25.75	30.60	31.95	13.80	17.90	16.20	13.85	.....	.....	15.15	29.60
26	35.15	26.25	31.00	31.30	13.50	18.40	16.00	14.00	.....	.....	15.50	28.80
27	35.90	26.10	31.60	30.50	13.55	18.55	16.00	13.65	.....	.....	15.40	28.55
28	36.30	26.90	32.20	29.50	13.10	18.55	15.95	14.10	.....	.....	15.15	29.25
29	36.70		32.80	28.50	13.00	18.35	15.90	14.30	.....	.....	14.70	30.35
30	37.00		33.20	27.25	13.00	18.00	16.00	14.45	.....	.....	14.15	31.85
31	37.25		33.45		13.05		16.30	14.45	.....	.....		33.30

Mississippi River.—Helena, Ark., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	34.50	34.15	41.90	43.69	34.00	20.95	27.60	20.35	11.25	9.80	8.35	9.75
2	35.40	32.40	42.05	43.65	34.10	21.30	27.90	19.70	11.65	9.70	8.15	9.25
3	36.10	30.65	42.25	43.60	34.65	21.85	27.85	19.00	12.15	9.80	8.10	9.00
4	36.80	29.10	42.40	43.45	35.60	22.60	27.80	18.15	12.55	9.85	8.50	9.20
5	37.40	27.65	42.50	43.20	36.30	23.35	27.85	17.40	12.90	9.80	9.30	10.40
6	37.70	26.30	42.60	42.80	37.05	24.30	28.50	16.65	13.20	9.95	10.10	12.70
7	37.90	25.20	42.60	42.30	37.45	24.70	29.05	16.25	13.45	10.05	10.65	15.65
8	38.10	24.20	42.70	41.60	37.80	25.00	30.90	15.90	13.70	10.20	10.75	18.25
9	38.10	23.60	42.65	41.10	38.05	25.20	32.25	15.25	14.10	10.40	10.75	20.75
10	38.00	23.10	42.65	40.60	38.25	25.35	33.35	14.90	14.45	10.60	11.00	23.60
11	38.00	22.70	42.60	40.20	38.30	25.55	34.10	14.70	14.50	10.65	11.65	26.50
12	38.25	22.60	42.85	39.85	38.15	25.45	34.55	14.40	14.60	10.55	12.25	28.75
13	38.75	22.80	42.85	39.50	37.75	25.05	34.70	14.10	14.70	10.50	13.35	30.20
14	39.20	23.20	42.90	39.20	37.05	24.50	34.65	13.95	14.75	10.35	14.80	31.10
15	39.60	24.20	43.05	38.90	36.00	24.15	34.40	13.60	15.00	10.10	16.10	31.50
16	40.00	26.40	43.20	38.65	34.30	23.95	34.00	13.40	15.40	9.60	17.00	31.50
17	40.35	29.00	43.25	38.20	32.85	23.75	33.40	13.35	15.20	9.40	17.40	31.05
18	40.65	31.65	43.30	37.60	31.00	23.40	32.70	13.25	14.50	9.20	17.50	29.95
19	40.90	33.80	43.34	36.95	29.10	23.10	31.80	13.20	13.70	9.00	17.15	28.40
20	41.15	35.70	43.38	36.50	27.50	22.25	30.95	13.00	13.00	9.40	16.65	26.40
21	41.30	37.00	43.31	36.10	26.10	21.75	29.95	12.65	12.60	9.40	16.15	24.10
22	41.40	38.00	43.47	35.90	25.00	21.50	29.00	12.35	11.85	9.30	15.55	21.90
23	41.40	38.85	43.50	35.85	23.80	21.80	27.80	12.15	11.40	9.10	14.95	20.00
24	41.30	39.50	43.50	35.90	23.00	22.65	26.80	11.80	11.15	9.00	14.30	18.85
25	41.10	40.05	43.51	35.90	22.70	22.90	25.70	11.50	11.10	9.15	13.70	18.10
26	40.75	40.55	43.55	35.95	22.40	23.70	24.70	11.05	10.90	9.30	13.10	17.25
27	40.10	40.95	43.60	35.85	22.10	24.70	23.75	10.75	10.50	9.30	12.40	16.60
28	39.40	41.30	43.65	35.55	21.80	25.55	22.90	10.40	10.30	9.25	11.80	15.95
29	38.35	41.65	43.65	35.00	21.55	26.40	22.25	10.15	10.05	9.05	11.10	15.50
30	37.15		43.68	34.40	21.20	27.00	21.65	10.25	9.95	8.75	10.40	15.10
31	35.70		43.70		20.90		21.00	10.55		8.50		14.65

Mis-issippi River.—Helena, Ark., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	14.10	33.10	41.30	39.90	43.20	30.80	29.60	19 85	8.00	11.50	24.00	34.75
2	13.35	32.75	41.40	39.90	43.25	29.80	28.90	19.05	7.75	11.70	23.85	34.75
3	12.50	32.00	41.60	39.80	43.25	28.75	28.10	18.15	7.40	11.75	23.65	34.75
4	11.50	30.90	41.65	39.65	43.30	27.50	27.40	17.40	7.25	11.80	23 40	34.65
5	10.30	29.20	41.65	39.55	43.35	26.40	26.90	16.75	7.05	12.10	23.30	34.40
6	9.25	27.20	41.50	39.45	43.35	25.40	26.70	16.15	6.90	12.70	23.40	33.90
7	8.25	25.50	41.30	39.35	43.35	24.60	26.70	15.75	6.85	13.65	23.50	33.05
8	7.85	23.80	40.90	39.30	43.40	24.10	27.00	15.50	6.75	14.90	23.75	31.90
9	7.75	22.50	40.40	39.10	43.50	23.85	27.20	15.20	6.70	16.20	24,15	30.50
10	7.65	21.70	39.40	38.85	43.55	23.85	27.20	14.85	6.60	17.20	24.75	29.00
11	7.55	21.60	38.35	38.65	43.60	23.75	26.90	14.50	6.55	17.75	25.25	27.20
12	7.50	22.00	37.15	38.70	43.65	23.55	26.40	14.10	6.45	18.30	25.60	25.65
13	7.50	24.00	36.25	38.95	43.70	23.15	25.70	13.55	6.35	18.95	25.75	24.30
14	7.95	27.80	35.40	39.25	43.74	22.80	24.65	13.05	6.35	19.40	25.95	23.30
15	8.70	31.80	34.60	39.50	43.70	22.75	23.50	12.55	6 25	19.65	26.25	22.50
16	9.70	34.80	33.90	39.80	43.60	23.05	21.80	12.00	6.70	19.80	26.75	21.75
17	11.60	36.20	33.55	40.20	43.40	23.80	20.70	11.50	6.75	19.85	27.25	21.20
18	14.00	37.50	33.70	40.50	43.00	24.75	20.20	10.95	6.90	19.90	27.95	21.00
19	15.60	38.30	34.30	40.85	42.50	25.50	19.70	10.50	7.05	19.85	28.95	20.95
20	16.60	38.70	34.70	41.20	41.80	26.50	19.80	10.10	7.20	19.70	29.75	21.40
21	18.00	39.20	35.10	41.50	41.00	27.75	20.10	9.80	7.50	19.50	30.60	22.75
22	20.00	39.60	35.90	41.70	40.00	29.15	20.40	9.65	7.95	19.30	31.50	24.50
23	21.15	39.90	36.60	41.95	39.05	30.25	20.70	9.55	8.40	19.60	32.30	26.50
24	23.20	40.20	37.50	42.25	38.05	31.15	21.00	9.40	8.90	20.10	33.15	28.50
25	25.80	40.50	38.10	42.45	37.05	31.75	21.00	9.25	9.15	20.80	33.85	30.25
26	27.70	40.70	38.60	42.75	36.05	31.90	21.10	9.00	9.25	21.65	34.25	31.75
27	29.50	40.95	38.90	42.90	35.00	31.80	21.30	8.80	9.25	22.40	34.50	33.10
28	30.85	41.15	39.30	43.00	34.00	31.40	21.25	8.65	9.40	23.00	34.55	34.50
29	31.80		39.60	43.05	33.15	30.80	21.15	8.60	10.10	23.45	34.60	35.75
30	32.50		39.75	43.15	32.35	30.20	20.90	8.45	10.95	23.75	34.65	36.80
31	32.95		39.85		31.50		20.55	8.25		23.95		37.50

Mississippi River.—Helena, Ark., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	38.05	43.85	45.60	44.30	34.90	41.25	39.70	25.45	16.20	13.80	10.35	12.10
2	38.45	43.95	45.65	44.10	34.95	41.40	39.60	24.45	16.00	13.20	10.55	12.10
3	38.75	44.10	45.80	43.95	35.05	41.00	39.30	23.75	15.80	12.75	10.55	12.10
4	39.00	44.30	46.10	43.75	35.10	41.00	39.10	23.20	15.70	12.55	10.60	12.10
5	39.25	44.45	46.60	43.60	35.10	41.00	38.90	22.75	15.70	11.95	10.65	12.10
6	39.35	44.55	47.10	43.45	35.20	41.05	38.85	22.35	15.60	11.70	10.85	12.10
7	39.40	44.75	47.10	43.30	35.20	41.15	38.90	22.00	15.50	11.55	10.90	12.05
8	39.45	45.05	47.15	43.10	35.30	41.20	39.05	22.10	15.75	11.60	10.95	12.10
9	39.50	45.40	47.20	42.85	35.40	41.30	39.25	22.75	15.85	11.60	10.95	12.20
10	39.40	45.80	47.00	42.50	36.25	41.35	39.40	23.50	16.00	11.50	11.00	12.55
11	39.35	46.05	46.90	42.05	36.90	41.37	39.55	24.05	16.25	11.35	11.00	12.50
12	39.30	46.35	46.80	41.60	37.90	41.37	39.75	24.50	16.50	11.25	11.25	12.30
13	39.40	46.70	46.65	41.25	38.85	41.40	39.85	24.45	16.50	11.30	11.55	11.95
14	39.50	46.65	46.55	41.00	39.50	41.35	39.90	24.25	16.35	11.25	11.80	11.50
15	39.60	46.65	46.40	40.80	40.05	41.25	39.80	24.00	16.15	11.20	11.95	11.10
16	39.80	46.60	46.25	40.50	40.55	41.10	39.55	23.65	15.85	11.10	12.10	10.65
17	40.25	46.40	46.15	40.25	40.85	40.85	39.30	23.25	15.55	10.85	12.55	10.10
18	40.60	46.25	46.00	40.00	41.10	40.30	38.80	22.80	15.20	10.60	12.70	9.60
19	41.00	46.05	45.85	39.75	41.30	39.95	38.25	22.30	15.00	10.50	12.65	9.20
20	41.35	46.05	45.75	39.55	41.45	39.40	37.50	21.90	15.20	10.20	12.90	9.00
21	41.65	46.00	45.65	39.40	41.60	38.90	36.60	21.50	16.10	10.00	13.00	8.75
22	41.90	45.85	45.55	39.20	41.70	38.80	35.55	21.25	17.10	9.90	13.00	8.60
23	42.15	45.75	45.40	38.80	41.75	39.05	34.60	20.95	17.90	9.85	12.90	8.60
24	42.40	45.70	45.35	38.15	41.75	39.20	33.65	20.45	18.30	9.80	12.75	8.85
25	42.60	45.60	45.20	37.40	41.75	39.40	32.85	20.00	18.20	9.85	12.45	9.45
26	42.80	45.55	45.10	36.50	41.75	39.50	32.00	19.45	17.50	10.05	12.50	10.15
27	43.00	45.55	45.00	35.65	41.75	39.60	31.15	18.75	16.60	10.20	12.45	10.95
28	43.35	45.65	44.90	35.15	41.75	39.70	30.10	18.10	15.90	10.22	12.40	11.90
29	43.45		44.75	34.90	41.70	39.80	28.90	17.50	15.20	10.40	12.25	13.05
30	43.65		44.60	34.85	41.60	39.75	27.60	16.95	14.50	10.35	12.20	14.30
31	43.75		44.45		41.40		26.50	16.55		10.30		15.20

Mississippi River.—Helena, Ark., 1888.

Day	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.
1	16.05	30.00	43.75	32.65	42.20	35.50	40.75	24.00	14.10	6.40	10.80	28.00
2	16.90	30.70	44.00	32.40	42.20	35.70	40.80	23.70	13.75	6.40	11.40	28.70
3	17.10	31.00	44.35	32.30	42.20	36.00	40.80	23.20	13.25	6.45	12.10	29.10
4	17.30	31.10	45.10	32.65	42.33	36.20	40.75	22.70	12.75	6.80	13.10	29.10
5	17.10	31.10	46.15	33.60	42.30	36.30	40.65	22.00	12.45	6.90	14.60	29.00
6	17.00	30.90	46.65	35.00	42.25	36.30	40.55	21.50	12.00	6.80	16.60	28.75
7	16.60	31.40	46.80	36.20	42.20	36.20	40.35	21.70	11.65	6.85	18.30	28.50
8	16.00	31.50	46.90	37.35	42.10	35.95	40.00	22.40	11.35	7.00	19.30	28.00
9	15.40	31.50	46.90	38.20	41.85	35.70	39.60	23.30	11.00	7.15	19.50	27.40
10	14.75	32.00	46.85	39.15	41.55	35.45	38.80	23.20	10.75	7.35	19.50	26.55
11	14.10	33.30	46.75	39.75	40.90	35.30	37.10	22.70	10.55	7.45	19.40	25.50
12	13.50	34.85	46.65	40.30	39.90	35.45	36.50	22.50	10.30	7.75	19.00	24.30
13	13.30	36.20	46.45	40.75	38.70	36.00	35.00	22.10	10.00	8.10	19.30	22.80
14	13.15	37.40	46.30	41.00	37.10	36.65	33.50	21.80	9.75	8.40	19.90	21.20
15	13.20	38.35	46.10	41.30	35.45	37.05	31.70	21.30	9.50	8.60	20.40	19.80
16	13.50	39.10	45.80	41.50	33.85	37.50	30.30	20.60	9.25	8.50	20.70	18.60
17	13.65	40.00	45.45	41.70	32.30	38.00	.....	20.00	9.00	8.55	21.00	17.85
18	13.65	40.60	44.95	41.80	31.00	38.50	.....	19.60	8.70	8.85	21.40	17.30
19	13.60	41.05	44.40	41.95	29.90	38.80	29.20	18.90	8.40	9.35	22.00	16.85
20	13.70	41.50	43.65	42.05	29.10	39.10	29.30	18.30	8.15	9.50	22.30	16.40
21	14.10	41.90	42.75	42.10	28.95	39.40	29.80	17.90	7.95	9.75	22.10	16.00
22	14.85	42.35	41.70	42.40	29.20	39.80	30.30	17.60	7.75	10.00	21.60	15.65
23	15.80	42.70	40.45	42.35	30.10	40.10	30.60	17.40	7.55	10.25	20.80	15.25
24	16.80	42.95	39.30	42.30	31.30	40.25	30.70	17.20	7.35	10.30	20.00	15.20
25	17.60	43.20	38.05	42.25	32.15	40.45	30.60	16.60	7.15	10.35	20.10	15.20
26	18.75	43.35	37.00	42.20	32.85	40.50	30.00	16.00	7.00	10.55	20.95	15.10
27	20.30	43.45	36.00	42.15	33.30	40.55	29.00	15.50	6.85	10.95	21.70	15.50
28	22.85	43.60	35.00	42.15	33.70	40.60	27.90	15.10	6.70	11.10	23.10	16.90
29	25.05		34.05	42.20	34.10	40.65	27.00	14.85	6.60	11.20	25.00	20.00
30	27.10		33.35	42.25	34.70	40.70	26.50	14.65	6.45	11.00	26.75	24.50
31	28.90		33.00		35.20		25.30	14.40		10.80		28.55

Mississippi River.—Helena, Ark., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	31.30	27.80	46.20	43.45	41.90	25.65	26.15	17.40	11.00	10.00	16.35	10.40
2	33.00	27.50	46.60	43.45	41.65	24.95	26.00	17.75	10.95	11.75	16.20	10.95
3	34.20	27.50	46.80	43.45	41.50	24.65	25.70	18.05	11.10	13.75	16.00	11.10
4	35.10	27.70	46.85	43.50	41.40	24.45	25.45	18.90	11.45	15.80	15.90	11.00
5	35.70	28.40	46.95	43.55	41.20	24.20	25.20	19.50	11.75	17.45	15.70	10.80
6	36.00	30.40	47.00	43.60	41.05	24.20	25.15	19.80	12.10	18.90	15.25	10.30
7	36.20	33.30	46.85	43.70	40.75	24.15	25.20	20.05	12.35	19.85	14.90	9.70
8	36.00	35.70	46.75	43.90	40.60	24.15	25.10	20.00	12.50	20.20	14.25	9.05
9	35.55	37.80	46.55	44.15	40.50	24.75	24.95	19.80	12.55	20.00	13.80	8.45
10	34.95	39.20	46.40	44.30	40.45	25.10	24.90	19.65	12.30	19.55	13.10	7.90
11	34.20	40.10	46.25	44.55	40.45	25.65	24.75	19.45	11.90	19.10	12.75	7.50
12	33.25	40.80	46.00	44.75	40.45	25.75	24.80	19.05	11.35	18.60	12.30	7.35
13	32.20	41.25	45.65	44.80	40.45	26.20	24.85	18.40	10.80	18.10	11.70	7.25
14	31.00	41.60	45.30	44.85	40.40	26.75	24.80	17.80	10.30	17.60	11.30	7.60
15	29.80	41.95	45.00	44.90	40.20	27.45	24.65	17.25	9.95	17.50	11.00	8.60
16	28.40	42.20	44.60	44.75	40.00	28.15	24.40	16.70	9.75	17.60	10.60	9.75
17	27.20	42.40	44.20	44.50	39.70	28.65	24.00	16.20	9.45	17.95	10.25	10.85
18	26.25	42.65	44.10	44.40	39.20	29.00	23.60	15.70	9.30	18.25	10.00	12.00
19	25.75	42.80	44.00	44.35	38.70	29.20	23.20	15.00	9.15	18.40	9.90	13.15
20	25.85	43.00	43.85	44.10	37.90	29.30	22.95	14.40	9.15	18.50	9.70	14.05
21	26.35	43.10	43.65	44.00	36.95	29.40	23.15	13.90	9.10	18.40	9.60	14.90
22	27.10	43.20	43.60	43.60	36.25	29.30	23.60	13.40	8.95	18.15	9.45	15.20
23	28.00	43.35	43.55	43.40	35.25	29.10	23.70	12.95	8.80	17.90	9.60	15.25
24	28.50	43.45	43.50	43.15	34.20	28.70	23.20	12.50	8.65	17.40	9.45	14.90
25	29.00	43.55	43.50	43.00	33.15	28.40	22.20	12.25	8.60	16.95	9.25	14.10
26	29.30	43.80	43.45	42.80	32.10	28.10	21.20	12.05	8.50	16.55	9.05	13.10
27	29.35	44.10	43.45	42.60	31.00	27.75	20.20	12.00	8.45	16.30	8.90	12.20
28	29.10	44.60	43.50	42.45	29.70	27.35	19.20	11.90	8.55	16.10	8.85	12.10
29	28.75	45.50	43.50	42.25	28.60	26.90	18.30	11.65	8.75	16.10	8.95	12.90
30	28.45		43.50	42.10	27.50	26.45	17.75	11.50	9.05	16.20	9.55	14.75
31	28.25		43.50		26.50		17.50	11.15		16.35		17.25

Mississippi River.—Mhoon's Landing, Miss., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	38.10	36.80	28.95	34.85	33.55	20.90	12.95	10.50	7.62	9.15
2	.....	.....	38.10	36.75	29.15	34.70	33.45	20.25	12.75	10.00	7.70	8.95
3	.....	.....	38.25	36.60	29.25	34.85	33.10	19.55	12.70	9.50	7.80	8.75
4	.....	.....	38.80	36.50	29.35	34.92	33.00	19.20	12.70	8.95	7.80	8.55
5	.....	.....	39.35	36.40	29.40	34.97	33.00	18.85	12.70	8.60	7.92	9.10
6	.....	.....	39.50	36.30	29.50	35.07	33.00	18.80	12.70	8.30	8.05	9.50
7	.....	.....	39.65	36.15	29.50	35.17	33.17	18.80	12.85	8.30	8.18	9.70
8	.....	.....	39.80	35.95	29.50	35.27	33.45	19.30	13.00	8.30	8.20	10.15
9	.....	.....	39.80	35.60	29.70	35.37	33.65	20.30	13.15	8.30	8.20	10.70
10	.....	.....	39.65	35.20	30.30	35.47	33.85	21.20	13.40	8.30	8.25	11.00
11	.....	.....	39.50	34.70	31.40	35.50	33.97	21.55	13.60	8.25	8.35	10.90
12	.....	.....	39.35	34.35	32.70	35.50	34.15	21.65	13.80	8.10	8.55	9.85
13	.....	.....	39.20	34.05	33.55	35.47	34.15	21.35	13.72	8.05	8.88	8.50
14	.....	.....	39.10	33.85	34.15	35.35	34.05	21.15	13.50	8.00	9.05	8.25
15	.....	.....	38.95	33.55	34.65	35.05	33.80	20.85	13.25	7.97	9.30	8.05
16	.....	.....	38.80	33.35	34.95	34.55	33.45	20.35	13.02	7.82	9.42	7.70
17	.....	.....	38.65	33.10	35.25	33.90	33.00	20.00	12.75	7.72	9.55	7.35
18	.....	.....	38.45	32.90	35.35	33.30	32.35	19.45	12.40	7.55	9.75	7.08
19	.....	.....	38.35	32.85	35.45	32.95	31.65	19.00	12.90	7.35	9.92	6.72
20	.....	.....	38.25	32.80	35.55	32.65	30.90	18.65	13.45	7.17	10.05	6.35
21	.....	.....	38.20	32.60	35.65	32.52	30.05	18.35	14.00	7.05	10.15	6.15
22	.....	.....	38.00	32.10	35.75	32.80	29.45	18.15	15.00	6.95	10.00	5.95
23	.....	38.00	37.90	31.55	35.80	33.15	28.55	17.65	15.65	6.90	9.85	6.05
24	.....	37.90	37.75	30.70	35.80	33.35	27.85	17.15	15.75	6.95	9.85	6.45
25	.....	37.80	37.65	29.60	35.70	33.52	26.60	16.55	15.15	7.15	9.65	7.45
26	.....	37.80	37.55	28.80	35.80	33.75	26.00	15.95	14.20	7.32	9.50	7.92
27	.....	37.90	37.45	28.45	35.80	33.87	25.05	15.65	13.40	7.40	9.50	8.80
28	.....	38.00	37.35	28.35	35.70	34.00	24.40	14.55	12.70	7.40	9.50	10.60
29	.....		37.25	28.65	35.50	33.95	23.40	14.05	11.90	7.52	9.42	12.28
30	.....		37.05	28.75	35.35	33.75	22.60	13.55	11.25	7.50	9.32	12.85
31	.....		36.90		35.15		22.00	13.30		7.55		13.45

Mississippi River.—Mhoon's Landing, Miss., 1883

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	14.05	26.90	37.73	24.73	36.55	29.75	34.30	19.00	9.70	2.40	8.30	23.75
2	14.40	27.23	37.89	24.93	36.55	30.02	34.30	18.45	9.45	2.40	8.75	24.18
3	14.50	27.20	38.03	25.60	36.50	30.28	34.25	17.25	9.75	2.55	9.45	24.20
4	14.38	27.20	38.75	26.50	36.48	30.40	34.05	16.85	8.11	2.75	10.60	24.05
5	14.20	27.20	39.45	27.75	36.45	30.45	33.75	18.37	7.78	3.10	11.90	23.60
6	13.90	27.20	39.85	29.50	36.45	30.38	33.55	18.72	7.40	3.62	14.10	23.22
7	13.45	27.35	40.15	31.50	36.38	30.18	33.05	19.12	7.00	3.88	15.85	22.80
8	13.15	27.15	40.20	33.00	36.15	29.90	32.90	19.82	6.68	3.90	16.45	22.40
9	13.00	27.25	40.13	33.80	34.70	29.62	32.00	19.37	6.50	3.90	16.50	21.85
10	12.60	28.10	40.08	34.55	34.20	29.42	30.75	18.77	6.35	3.98	16.40	21.22
11	12.10	29.30	39.95	35.05	33.25	29.42	29.80	18.27	6.05	4.15	16.15	19.95
12	11.30	30.40	39.85	35.40	32.00	29.78	28.65	17.74	5.85	4.38	15.85	18.68
13	11.50	31.55	39.65	35.78	30.75	30.38	26.80	17.04	5.72	4.80	16.32	17.28
14	11.55	32.50	39.32	35.95	29.58	30.80	25.20	16.93	5.62	5.08	16.87	15.95
15	11.75	33.45	39.05	36.15	28.35	31.15	24.50	16.26	5.30	5.15	17.25	14.92
16	11.88	34.35	38.75	36.25	27.10	31.62	23.85	15.88	4.90	5.32	17.68	14.20
17	11.98	35.55	38.25	36.45	25.82	32.15	23.25	15.10	4.70	5.42	18.10	13.30
18	12.00	36.10	37.55	36.62	24.60	32.50	22.98	14.70	4.45	5.52	18.52	12.72
19	11.93	36.50	36.70	36.70	23.25	32.90	23.10	14.40	4.28	5.65	19.08	12.22
20	12.45	36.68	35.70	36.70	22.62	33.18	23.58	13.82	3.95	5.90	19.22	11.68
21	12.90	36.84	34.35	36.70	22.75	33.35	24.32	13 42	3.75	6.25	18.65	11.18
22	13.75	37.15	33.30	36.80	23.80	33.90	24.85	13.12	3.55	6.45	17.50	10.72
23	14.38	37.35	31.30	36 68	25.02	34.08	25.00	12.78	3 35	6.65	16.55	10.38
24	14.85	37.43	29.85	36 65	26.38	34.25	24.90	12.42	3.15	6.85	16.38	10.25
25	15.75	37.50	28.35	36.58	27.10	34.25	24.60	12.08	2 95	6.90	16.85	10.10
26	17.15	37.60	26.75	36.50	27.60	34.25	24.00	11.60	2.75	7.30	17.70	10.32
27	19.20	37.68	25.00	36.50	27 95	34.28	23.20	11.45	2.58	7.65	18.70	10.72
28	21.15	37.70	24.80	36.50	28.35	34.30	22.40	11.25	2.48	7.80	19.62	13.25
29	23.20		24.80	36 55	28.75	34.30	21 30	11.05	2.45	7.80	20.80	17.75
30	25.00		24.73	36.55	29.20	34.30	20.00	10.85	2.45	7.55	22.48	21.25
31	26.10		24.63		29.52		19.50	10.40		7.88		23 58

Mississippi River.—Mhoon's Landing, Miss., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	25.58	22.56	38.20?	35.90	34.20	19.10	20.55	12.35	5.85	6.50	11.82	6.55
2	27.20	23.07	38.60?	35.92	34.00	18.73	20.35	12.92	5.95	8.52	11.62	6.75
3	28.42	23.53	38.73?	35.95	33.85	18.50	20.08	13.68	6.28	10.75	11.40	6.75
4	29.42	24.05	38.80?	36.00	33.72	18.33	19.85	14.25	6.72	12.90	11.25	6.58
5	29.98	25.04	38.88?	36.05	33.62	18.30	19.68	14.78	7.20	14.05	10.92	6.30
6	30.10	26.55	38.88?	36.05	33.52	18.38	19.68	15.15	7.62	15.20	10.52	5.72
7	29.98	28.52	38.78?	36.10	33.35	18.48	19.75	15.28	7.98	15.62	10.02	5.05
8	29.30	30.57	38.63?	36.15	33.30	18.68	19.68	15.05	8.08	15.68	9.48	4.35
9	28.20	32.58	38.45	36.22	33.38	18.98	19.52	14.82	7.82	15.32	8.95	3.65
10	27.20	33.90	38.25	36.32	33.48	19.35	19.40	14.52	7.40	14.82	8.40	3.15
11	26.30	34.25	37.95	36.42	33.52	19.80	19.45	14.15	6.85	14.32	8.00	2.78
12	25.30	34.45	37.68	36.50	33.55	20.20	19.48	13.95	6.22	13.95	7.58	2.60
13	24.55	34.65	37.20	36.48	33.55	20.65	19.48	13.45	5.65	13.38	7.10	2.78
14	23.75	34.85	36.75	36.50	33.45	21.28	19.30	12.05	5.10	13.02	6.68	3.42
15	22.70	35.13	36.32	36.42	33.30	21.95	19.05	10.90	4.85	12.98	6.30	4.85
16	21.02	35.38	36.05	36.28	33.12	22.58	18.78	10.55	4.58	13.25	5.95	6.10
17	20.50	35.68	35.85	36.[illegible]8	32.80	23.03	18.45	10.30	4.42	13.65	5.68	7.50
18	20.15	36.00	35.78	35.[illegible]	32.02	23.30	18.08	9.90	4.32	13.98	5.50	8.78
19	20.20	36.18	35.70	35.85	31.05	23.48	17.80	9.35	4.22	14.05	5.35	9.78
20	20.87	36.20	35.62	35.65	29.98	23.53	17.82	8.90	4.05	14.05	5.30	10.22
21	21.70	36.20	35.60	35.52	29.00	23.48	18.20	8.50	4.00	13.70	5.22	10.82
22	22.27	36.28	35.60	35.35	28.15	23.30	18.45	8.10	3.92	13.30	5.12	11.00
23	22.88	36.42	35.60	35.22	27.35	23.08	18.20	7.50	3.82	13.00	5.15	10.68
24	23.12	36.60	35.68	35.05	26.30	22.85	17.48	7.05	3.80	12.20	5.00	10.02
25	23.30	36.73	35.78	34.92	25.10	22.58	16.35	6.85	3.78	12.05	4.75	9.25
26	23.40	36.83	35.80	34.75	24.15	22.25	15.25	6.88	3.68	11.85	4.58	8.28
27	23.04	36.93	35.80	34.65	23.23	21.85	14.15	6.92	3.78	11.65	4.50	7.42
28	23.14	37.13	35.85	34.55	22.30	21.45	13.12	6.72	4.02	11.48	4.55	7.65
29	23.14	37.70	35.88	34.45	21.25	21.08	12.50	6.32	4.45	11.42	5.00	9.38
30	22.54		35.90	34.40	20.45	20.80	12.15	6.05	5.00	11.60	5.95	12.12
31	22.06		35.90		19.75		12.08	5.92		11.88		14.60

Zero of gauge 160.2 feet above Mean Gulf Level. See notes at end of volume.

Mississippi River.—Memphis, Tenn., 1871.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.72
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.60
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.02
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.12
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.24
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.32
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.72
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.22
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.90
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.64	1.40
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.84	1.20
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.04	0.90
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.20	0.70
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.22	0.65
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.15	0.75
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.20	0 66
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.65	0.52
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.80	0.41
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.90	0.40
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.00	0.38
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.90	0.35
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.95	0.28
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.00	0.20
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.05	0 09
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.23	— 0.08
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.50	— 0.32
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.68	— 0.54
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.80	— 0.78
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.78	— 0.92
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.70	— 0.85
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		— 0.04

Mississippi River.—Memphis, Tenn., 1872.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	— 0.04	1.50	10.02	9.55	27.25	17.40	13.20	16.20	6.65	2.70	0.68	0.70
2	1.78	0.88	10.12	9.80	25.15	16.70	12.75	16.00	6.60	2.85	0.65	0.50
3	2.16	0.66	10.00	9.92	23.35	16.30	12.40	15.85	6.20	3.00	0.55	0.40
4	3.02	— 0.18	9.98	10.10	21.20	15.45	11.95	15.70	5.85	3.10	0.52	0.20
5	3.70	— 0.08	9.80	10.94	19.55	14.60	11.60	15.35	5.45	3.15	0.51	0.05
6	4.10	0.00	9.64	12.44	17.80	14.00	11.65	14.65	5.20	2.95	0.50	— 0.10
7	5.32	0.08	9.42	13.60	16.90	14.20	11.70	13.90	5.00	2.80	0.50	— 0.20
8	5.99	0.16	9.30	14.24	15.70	14.40	11.80	13.15	4.80	2.60	0.51	— 0.30
9	7.00	0.22	9.22	14.94	15.30	14.85	11.90	12.25	4.60	2.45	0.70	— 0.40
10	8.88	0.36	9.05	15.80	14.70	15.30	11.95	11.50	4.45	2.30	1.10	— 0.45
11	9.39	0.64	8.85	18.10	14.10	15.60	11.70	10.75	4.40	2.20	1.75	— 0.50
12	9.86	0.99	8.80	20.46	13.20	15.80	11.40	10.40	4.25	2.10	2.40	— 0.30
13	9.91	1.44	8.92	23.82	12.30	16.40	10.95	9.70	4.00	1.95	2.75	— 0.20
14	10.02	2.19	9.05	26.20	11.60	17.30	10.50	8.80	3.80	1.80	3.10	— 0.10
15	9.98	2.69	9.45	28.10	11.05	17.90	10.20	8.05	3.65	1.75	3.50	— 0.15
16	9.68	3.24	9.70	29.60	10.50	17.90	10.05	7.50	3.50	1.70	2.80	— 0.20
17	9.46	3.42	10.10	30.10	11.35	18.50	10.00	7.25	3.40	1.60	2.60	— 0.30
18	8.92	3.60	10.50	30.50	12.20	19.00	9.90	7.05	3.30	1.55	2.40	— 0.25
19	8.11	3.82	10.90	30.70	13.70	19.25	10.50	6.80	3.20	1.50	2.20	— 0.15
20	7.58	3.98	11.40	31.00	14.40	19.15	11.60	6.60	3.05	1.45	2.30	— 0.20
21	6.82	4.26	11.90	31.20	15.20	18.80	12.60	6.55	2.90	1.35	2.60	— 0.10
22	6.12	4.60	11.80	31.30	15.80	18.40	13.30	6.70	2.80	1.30	2.90	— 0.40
23	5.50	4.98	11.60	31.40	16.10	17.35	13.20	6.80	2.70	1.28	2.95	— 0.50
24	5.88	5.70	11.90	31.50	16.40	16.90	13.05	6.90	2.60	1.26	2.75	— 0.75
25	4.48	6.60	11.25	31.30	17.10	16.40	12.90	7.00	2.50	1.20	2.30	— 0.95
26	4.11	7.62	11.62	31.20	17.45	15.90	13.05	6.90	2.45	1.12	2.00	— 0.90
27	3.80	8.73	11.50	30.90	17.80	15.35	13.55	6.75	2.40	1.08	1.75	2.70
28	3.10	9.60	11.05	30.55	17.70	14.60	14.25	6.60	2.35	1.00	1.50	4.80
29	2.70	9.92	10.50	29.60	17.60	13.95	15.15	6.50	2.45	0.90	1.20	6.30
30	2.52		10.00	28.00	17.70	13.45	15.90	6.60	2.55	0.80	1.00	8.10
31	1.60		9.60		17.55		16.15	6.70		0.70		9.70

Mississippi River.—Memphis, Tenn., 1873.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	8.60	16.90	32.20	22.60	22.80	24.90	19.40	13.80	5.15	2.05	1.60	8 35
2	7.65	16.50	32.35	23.70	22.60	25.50	19.05	13.55	5.20	1.95	1.85	9.25
3	6.70	15.90	32.50	24.40	22.70	25.80	19.35	13.13	5.30	1.90	2.05	9.85
4	5.90	13.70	32.40	25.15	23.30	26.00	19.75	12.85	5.20	1.80	3.75	10.40
5	5.20	12.00	32.25	25.90	24.20	25.50	20.20	12.30	5.10	1.85	5.05	10.90
6	4.60	11.20	31.90	26.65	24.70	24.60	19.95	11.85	4.90	1.90	6.20	11.80
7	4.40	10.60	31.10	27.40	25.30	23.70	19.75	11.35	4.80	1.90	7.10	12.60
8	4.75	10.35	30.15	27.60	25.75	22.80	19.85	10.70	4.65	1.75	7.50	13.55
9	5.50	9.90	29.05	28.20	26.20	22.20	20.05	10.35	4.55	1.65	7.40	14.45
10	7.00	9.50	27.55	28.80	26.70	21.65	20.40	9.85	4.50	1.55	7.25	15.70
11	8.90	10.40	25.60	29.50	27.00	21.15	20.95	9.55	4.40	1.45	7.10	17.00
12	10.80	11.50	23.10	30.00	27.20	20.90	21.50	9.13	4.60	1.35	6.85	18.05
13	11.90	14.10	20.60	30.80	27.35	20.75	21.85	8.85	4.35	1.35	6.05	19.30
14	12.80	17.60	18.50	31.70	27.60	20.60	22.20	8.60	4.10	1.25	5.65	19.30
15	13.60	20.90	16.60	31.75	28.30	20.90	22.55	8.35	3.90	1.30	5.45	20.55
16	13.95	23.20	15.72	31.80	28.75	21.20	22.80	8 15	3.70	1.20	5.20	21.60
17	14.30	24.50	14.80	31.85	29.20	21.40	22.65	7.95	3.60	1.15	4.70	22.90
18	13.02	26.25	14.70	31.80	29.80	21.60	22.20	7.75	3.50	1.30	4.10	23.95
19	12.30	27.40	14.95	31.70	30.40	21.50	21.55	7.50	3.40	1.30	3.60	25.60
20	11.90	28.30	15.20	31.65	30.35	21.60	20.55	7.25	3.30	1.30	3.20	26.20
21	11.70	29.20	15.50	31.60	30.10	21.75	19.65	7.00	3.20	1.25	2.90	26.80
22	11.90	30.05	15.90	31.40	29.65	21.90	18.20	6.50	3.05	1.20	2.80	26.70
23	12.00	30.60	16.70	30.95	29.20	21.60	17.65	6.30	2.80	1.15	2.75	26.10
24	11.60	30.90	17.30	30.35	27.70	21.50	16.80	5.95	2.65	1.15	2.65	25.50
25	12.00	31.30	17.80	29.60	26.20	21.25	16.13	5.65	2.55	1.15	2.95	24.60
26	12.50	31.60	18.20	28.50	25.05	20.00	15 80	5.50	2.45	1.10	3.50	24.25
27	13.20	31.80	18.40	27.20	24.30	20.60	15.05	5.40	2.30	1.10	4.25	23.95
28	15.40	32.00	18.60	26.10	23.40	20.10	14.85	5.30	2.15	1.10	5.20	22.20
29	16.40		18.90	24.90	22.60	20.10	14.65	5.15	2.15	1.05	6.30	21.10
30	17.60		19.70	23.10	23.05	19.75	14.20	5.00	2.10	1.00	7.40	19.90
31	17.20		20.80		23.70		14.00	5.10		1.05		18.80

Mississippi River.—Memphis, Tenn., 1911.

Day	January.	February.	March.	April	May.	June.	July.	August.	September.	October.	November.	December.
1	17.20	24.10	30.70	32.20	33.98	12.80	11.30	7.20	3.85	4.40	2.70	6.05
2	16.10	24.80	31.40	32.25	34.00	12.20	10.80	7.15	3.85	4.50	2.60	6.80
3	14.40	25.50	31.70	32.20	33.95	11.80	10.30	7.05	3.85	4.60	2.50	7.40
4	12.50	25.80	31.95	32.15	33.90	11.40	9.90	7.20	3.85	4.75	2.40	7.25
5	10.70	25.70	32.20	32.00	33.88	11.10	9.60	7.45	3.80	4.85	2.30	7.10
6	9.60	25.50	32.50	31.80	33.85	10.90	9.30	7.65	5.20	4.95	2.15	7.05
7	8.50	25.00	32.80	31.40	33.80	10.70	9.20	8.00	7.05	4.60	2.00	6.85
8	8.05	24.40	32.95	31.00	33.75	10.40	9.10	8.30	8.80	4.30	1.80	6.95
9	7.65	23.75	33.15	30.70	33.70	10.10	9.05	8.45	8.90	4.10	1.60	7.15
10	7.70	22.80	33.20	30.40	33.65	9.70	9.00	8.60	8.20	3.97	1.55	7.00
11	8.80	21.20	33.25	30.30	33.60	9.30	8.90	8.45	7.30	3.90	1.55	6.85
12	11.60	19.50	33.28	30.50	33.50	8.90	7.70	8.15	6.55	3.85	1.55	6.70
13	13.80	18.10	33.30	30.70	33.40	8.50	8.60	7.75	5.80	3.75	1.55	6.30
14	16.40	16.80	33.35	30.90	33.30	8.70	8.80	7.20	5.10	3.72	1.55	5.80
15	19.20	15.50	33.40	31.30	33.10	9.10	8.85	6.70	4.50	3.68	1.45	5.30
16	21.10	14.70	33.35	31.90	32.80	10.50	8.90	6.10	4.10	3.60	1.40	4.85
17	21.90	14.90	33.20	32.40	32.50	11.60	8.88	5.50	3.65	3.74	1.60	4.70
18	22.60	15.10	33.05	32.80	31.90	12.50	8.85	5.20	3.45	3.65	2.00	4.55
19	23.20	15.80	32.95	33.10	30.50	12.65	8.75	4.95	3.05	3.65	2.40	4.40
20	23.70	16.60	32.85	33.40	28.10	12.75	8.55	4.60	2.85	3.60	2.90	4.25
21	23.40	18.10	32.75	33.60	25.40	12.95	8.30	4.40	2.70	3.55	3.15	4.10
22	23.10	20.00	32.60	33.65	22.60	13.25	8.00	4.30	2.45	3.55	3.40	4.05
23	21.80	22.60	32.40	33.70	20.80	13.55	7.70	4.20	2.25	3.40	3.55	4.00
24	20.30	24.50	32.10	33.75	19.05	13.85	7.40	4.05	2.50	3.30	3.70	3.95
25	18.70	26.40	31.80	33.80	17.70	13.75	7.25	3.90	3.10	3.20	3.90	4.10
26	17.50	27.80	31.60	33.82	16.70	13.55	7.30	3.75	3.45	3.10	4.20	4.85
27	16.40	29.10	31.50	33.85	15.70	13.20	7.35	3.73	3.60	3.05	4.50	5.60
28	17.40	30.30	31.60	33.90	14.70	12.80	7.55	3.75	3.85	3.00	4.85	6.40
29	19.60		31.75	33.92	14.00	12.10	7.60	3.80	4.20	3.00	5.00	7.20
30	21.40		31.90	33.95	13.50	11.70	7.50	3.80	4.30	2.90	5.20	8.10
31	22.90		32.10		13.10		7.40	3.80		2.80		9.00

Mississippi River.—Memphis, Tenn., 1875.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	9.90	9.90	8.10	32.90	18.90	15.50	21.15	31.65	13.30	12.55	4.80	14.90
2	10.80	12.50	11.80	32.85	19.60	15.05	21.55	31.70	12.70	11.75	4.65	15.85
3	12.10	14.90	16.10	32.75	20.50	14.50	21.95	31.80	12.20	11.05	4.50	16.80
4	13.20	16.50	19.95	32.60	21.95	14.05	22.40	31.90	11.60	10.55	4.45	17.75
5	14.10	18.00	22.40	32.45	23.85	13.85	22.90	32.05	11.25	10.05	4.40	18.25
6	15.10	19.20	24.30	32.30	25.50	13.65	23.40	32.20	11.00	9.55	4.35	18.35
7	16.15	20.30	25.95	32.20	26.65	13.45	23.50	32.35	10.80	9.05	4.30	18.15
8	16.95	21.10	27.35	32.15	27.50	13.35	23.60	32.45	10.65	8.50	4.25	17.50
9	17.50	21.35	28.60	32.10	27.90	13.50	23.70	32.55	10.50	7.95	4.20	16.75
10	18.05	21.50	29.10	32.05	28.20	14.60	23.75	32.65	10.40	7.50	4.15	15.80
11	17.90	21.15	29.50	32.00	28.10	15.50	24.20	32.85	10.30	7.20	4.10	15.05
12	17.20	19.75	29.90	31.90	27.80	16.10	24.75	32.90	10.05	7.00	4.25	14.65
13	16.25	18.50	30.30	31.80	27.20	16.40	25.30	32.95	9.95	6.80	4.40	14.45
14	14.80	17.30	30.40	31.70	26.50	16.30	25.95	33.00	10.60	6.70	4.80	14.30
15	13.30	15.10	30.70	31.60	25.70	15.95	26.70	33.05	11.40	6.65	5.40	14.40
16	12.00	13.80	30.90	31.50	24.90	15.60	27.40	33.05	12.10	6.60	6.30	14.60
17	10.40	12.40	31.00	30.90	24.10	15.35	28.00	33.05	12.75	6.55	7.20	14.70
18	8.60	11.20	31.30	30.10	23.10	15.15	28.50	33.00	13.15	6.50	8.25	14.80
19	7.10	10.30	31.60	29.20	22.20	14.95	28.90	32.90	13.10	6.45	9.05	14.95
20	6.40	9.65	31.80	28.10	21.40	15.25	29.30	32.75	13.05	6.40	9.70	14.80
21	5.80	9.30	32.00	26.90	20.60	15.75	29.70	32.60	12.95	6.35	9.80	14.40
22	5.20	8.90	32.20	25.60	19.80	16.25	30.10	32.15	12.80	6.30	9.95	13.50
23	4.60	8.60	32.20	24.20	19.00	16.75	30.50	31.30	12.70	6.25	10.00	12.60
24	4.30	8.40	32.35	22.80	18.20	17.15	30.75	29.80	12.95	6.20	10.05	11.90
25	4.05	8.20	32.45	21.50	17.45	18.10	31.05	28.20	13.40	6.10	10.25	11.30
26	3.70	7.95	32.55	20.40	17.05	19.05	31.20	26.40	14.10	6.00	10.70	10.75
27	3.20	7.55	32.65	19.60	16.85	19.55	31.35	24.50	14.95	5.85	11.30	10.30
28	3.35	7.20	32.80	18.95	16.70	19.95	31.50	22.20	14.75	5.70	12.20	10.80
29	3.85		32.85	18.45	16.60	20.35	31.55	19.70	14.35	5.50	13.10	11.85
30	5.20		32.80	18.35	16.30	20.75	31.60	16.90	13.45	5.25	14.00	14.80
31	7.40		32.85		15.90		31.60	15.00		5.00		17.20

Mississippi River. Memphis, Tenn.,

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November	December.
1	19.70	31.10	30.30	33.40	32.55	19 05	21.30	16.35	10.55	13.70	6.55	7.30
2	21.60	31.40	29.00	33.60	32.45	18.55	21.25	15.50	10.45	14.15	6.90	7.60
3	23.05	31.75	27.35	33.75	32.00	17.10	21.15	15 05	10.05	14.60	6.95	7.90
4	24.35	32.00	26.20	33.85	31.45	16.95	21.05	14.65	9.90	14.95	6.90	8.20
5	25.45	32.20	23.40	33.95	30.95	16.90	20.85	13.95	9.55	14.75	7.40	8.40
6	26 40	32.40	20.90	34.03	30.40	17.00	20.65	13.10	9.55	14.40	8.25	8.45
7	27.20	32.60	18.40	34.05	30.20	17.25	20.55	12.50	9.90	13.80	9.15	8.20
8	28.10	32.75	16.20	34.08	30.10	17.60	20.75	11.90	10.00	13.30	9.85	7.90
9	28.90	32.85	14.00	34.08	30.20	17.70	21.35	11.55	9.90	12.80	9.95	7.05
10	29.40	32.95	13.05	34.05	30.60	17.80	21.95	11.45	10.05	12.30	9.85	6.30
11	29.75	33.00	12.35	34.02	30.95	18.10	22.55	11.55	11 05	11.80	9.60	5.60
12	29.80	32.98	12.30	33.95	31.35	18.40	23.00	11.30	12.25	11.35	9.50	4.95
13	29.05	32.95	12.80	34.05	31.70	18.50	23.25	11.15	12.95	10.95	9.40	4.50
14	28.10	32.90	13.60	33.95	32.05	18.20	23.35	11.30	13.45	10.60	9.35	4.20
15	26.40	32.85	15.35	33.80	32.25	17.80	23.45	11.40	13.80	10.25	9.30	3.90
16	23.65	32.65	18.40	33.60	32.40	17.40	23.55	11.55	14.15	9.90	9.20	3.60
17	20.70	32.55	21.20	33.40	32.55	17.00	23.65	11.65	14.35	9.50	9.05	3.35
18	19.50	32.40	23.40	33.20	32.70	17.30	23.55	11.65	14.55	9.05	8.80	3.10
19	19.10	32.30	25.15	33.00	32.85	18.40	23.45	11.55	14.85	8.55	8.55	2.85
20	19.30	32.20	26.20	32.90	32.83	19.30	23.35	11.30	15.00	8.10	8.35	2.60
21	21.10	32.10	27.30	32.88	32.70	20.30	23.25	11.05	15.20	7.65	8.15	2.40
22	23.00	32.05	28.40	32.85	32.45	21.20	23.15	10.90	15.40	7.05	7.95	2.20
23	24.80	32.03	29.30	32.88	31.90	21.60	22.95	11.05	15.75	6.65	7.80	2.00
24	26.30	32.00	30.20	32.90	30.95	21.90	22.65	11.25	15.65	6.45	7.70	1.80
25	27.15	32.03	31.10	32.90	29.50	21.70	22.25	11.50	15.45	6.35	7.60	1.90
26	28.10	32.05	32.30	32.90	27.85	21.10	21.75	11.65	15.20	6.25	7.50	2.10
27	28.50	31.95	32.65	32.88	25.95	20.70	21.05	11.65	14.80	6.15	7.40	2.05
28	29.10	31.80	32.85	32.85	23.75	20.75	20.30	11.45	14.30	6.05	7.30	1.85
29	29.80	31.50	32.95	32.75	21.95	20.90	19.45	11.15	13.80	6.00	7.20	1.55
30	30.20		33.10	32.65	20.45	21.15	18.60	10.90	13.50	6.05	7.10	1.20
31	30.75		33.25		19.70		17.80	10.55		6.25		1.50

Mississippi River.—Memphis, Tenn., 1877.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1.05	27.90	9.70	23.10	31.90	19.60	21.75	13.65	5.80	4.90	7.30	12.20
2	0.75	26.90	9.25	23.40	31.80	18.45	22.35	13.45	5.75	4.55	7.55	13.10
3	0.90	25.40	8.90	23.90	31.70	17.55	22.70	13.25	5.70	4.20	7.55	14.00
4	1.30	23.80	8.70	24.85	31.50	16.85	23.05	13.10	5.60	3.80	7.40	15.40
5	1.80	22.20	8.55	25.80	31.20	16.30	23.10	12.80	5.60	3.40	7.05	16.70
6	2.10	19.70	8.45	26.75	30.70	16.80	23.15	12.40	5.48	3.05	6.95	17.20
7	2.45	17.90	8.35	27.65	30.20	17.50	23.05	12.00	5.60	2.90	6.95	16.95
8	2.70	15.40	8.25	28.45	29.60	19.30	22.75	11.60	5.80	2.80	7.90	16.20
9	3.50	15.00	8.45	29.15	29.00	20.80	22.25	11.20	6.15	2.70	8.40	15.00
10	3.75	15.30	8.75	29.20	28.55	21.60	21.65	10.80	6.35	2.60	8.70	13.90
11	3.05	15.65	9.05	29.25	27.95	21.75	20.75	10.30	6.25	2.65	8.80	12.80
12	2.85	16.05	9.60	29.30	27.30	22.00	19.85	9.80	6.15	2.75	8.65	11.80
13	3.05	16.60	10.20	29.50	26.65	22.50	19.10	9.40	6.08	2.85	8.55	11.10
14	3.80	17.10	11.55	29.95	26.35	23.25	18.40	9.00	6.00	2.95	8.30	10.75
15	4.55	17.25	13.55	30.40	26.15	24.30	17.90	8.60	5.88	2.85	8.20	10.50
16	5.30	17.10	15.85	30.85	25.95	24 90	17.50	8.30	5.75	2.70	7.95	10.40
17	6.20	16.70	17.65	31.25	25.75	25.00	17.20	7.95	5.75	2.50	7.70	10.30
18	7.40	15.95	19.80	31.60	25.70	25.05	16.95	7.65	5.68	2.45	7.60	10.60
19	10.20	15.20	21.95	31.80	25.90	25.15	16.75	7.45	5.62	2.55	7.70	10.85
20	13.50	14.40	22.80	31.90	26.05	25.25	16.30	7.25	5.50	2.70	7.95	10.95
21	18.60	13.75	23.20	31.80	26.20	25.40	15.85	7.05	5.32	2.85	8.45	10.70
22	21.35	13.15	23.40	31.60	26.30	25.05	15.40	6.75	5.25	3.00	8.95	10.40
23	23.05	12.55	23.55	31.40	26.35	24.65	15.10	6.50	5 10	3.10	9.20	10.10
24	24.50	11.95	23.60	31 20	26.00	24.15	15.05	6.25	4.95	3.20	9.20	9.80
25	25.90	11.95	23.55	31.05	25.40	23.50	15.30	6.05	5.05	3.50	9.65	9.80
26	26.80	11.35	23.50	31.35	24.70	22.80	15.50	6 00	5.35	3.95	9.80	10.05
27	27.50	10.75	23.40	31.75	24 10	22.10	15.35	5.98	5.70	4.70	10.20	10.75
28	27.95	10.15	23.25	31.95	23.50	21.60	15.10	5.95	5.80	5.55	10.65	11.50
29	28.25		23.00	32.05	22.80	21.20	14.75	5.92	5.60	6.20	11.10	12.70
30	28.50		22.85	32.00	22.15	21.30	14.35	5.90	5.25	6.70	11.50	13.95
31	28.70		22.95		21.20		13.95	5.85		6.90		15 30

Mississippi River.—Memphis, Tenn., 1878.

Day	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.
1	17.00	16.00	25 35	16.35	29.00	23.40	18.80	11.80	8.50	8.10	3.10	5.30
2	18.20	17.20	25.50	15.70	29.10	23.00	18.50	12.00	8.50	7.40	3.00	5.60
3	19.10	18.40	25.60	15 30	28.80	22.70	18.20	12.30	8.50	6.60	2.90	6 50
4	20.00	19.50	25.60	15.10	28.30	22.30	18.10	12 90	8.30	5.90	3.20	9.50
5	20.60	20.15	25.60	14.70	27.60	21.80	18.10	13.40	7.80	5.40	3.60	12.90
6	20.70	20.50	25.60	14.30	26.90	21.30	18.30	13.40	7.30	4.80	4.00	15.70
7	20.60	20.80	25.80	14.30	26.40	20.90	18.50	13.10	6.70	4.60	4.30	17.10
8	20.15	20.80	25.80	14.30	26.20	20.60	18.70	12.90	6.20	4.20	4 40	19.00
9	19.50	20.60	25.60	14.30	25.90	20.50	19.00	12.70	5.90	4.00	4.60	19.70
10	18.70	20.20	25.40	14.60	25.70	20.40	19.30	12 50	5.70	3.90	4.70	19.80
11	17.60	19.70	25.20	14.80	25.50	20.30	19.30	12.30	5.50	3.70	4.80	19.60
12	16.10	19.00	24.80	15.00	25.20	19.90	19.30	12.10	5.30	3.60	4.80	19.40
13	14.90	18.80	24.50	15.30	24.80	19.60	18.70	12.00	5.20	3.60	4.80	19.40
14	13.80	19.10	24.80	15.80	24.30	19.50	18.30	12.00	5.00	3.50	4.70	19.70
15	12.60	19.90	25.70	16.50	23.60	19.70	17.90	11.80	4.80	3.40	4.60	20.00
16	11.70	20.60	26.50	17.00	21.80	19.90	16.80	11.50	4.50	3.40	4.50	20.20
17	11.20	21.10	27.00	17.30	22.20	20.30	16.00	11.20	4.30	3.40	4.30	20.20
18	11.00	21.40	27.40	17.30	21.60	20.60	15.30	10.80	4.20	3.30	4.20	20.10
19	11.15	21.65	27.70	17.30	21.10	21.00	14.70	10.40	4.00	3.20	4.00	19.90
20	12.20	21.90	27.80	17.40	20.80	21.30	14.30	10.10	3.90	3.10	3.90	19.90
21	13.30	22.20	27.70	17.50	20.50	21.50	14.00	9.70	3.80	3.10	3.80	20.10
22	14.90	22.30	27.40	18.00	20.35	21.50	13.70	9.40	3.80	3.00	3.70	20.10
23	16.10	22.30	26.90	19.40	20.65	21.30	13.40	9.00	5.90	3.00	3.60	20.00
24	16.80	22.30	26.10	20.80	21.50	21.10	13 10	8.70	8.80	2.90	3.70	19.60
25	17.00	22.30	25.20	22.30	22.90	21.00	12.90	8.40	10.80	3.00	3.90	19.10
26	17.00	22.90	24.00	23.80	23.90	20.80	12.70	8.30	11.60	3.20	4.10	18.20
27	16.80	23.80	22.70	25.20	24.50	20.40	12.70	8.70	11.40	3.40	4.30	16.90
28	16.60	24.70	21.40	26.60	24.70	20.00	12.60	9.30	10.80	3.50	4.60	15.40
29	16.00		20.00	27.80	24.60	19.60	12.50	9.50	10.00	3.50	4.80	13.90
30	15.80		18.60	28.50	24.30	19.20	12.20	9.20	9.00	3.40	5.00	12.40
31	15.70		17.35		23.90		12.00	8.70		3 20		11.00

Mississippi River.—Memphis, Tenn., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	10.00	26.70	19.00	24.40	16.80	7.80	11.30	10.63	7.88	2.38	3.05	7.30
2	9.00	26.00	18.70	24.30	15.80	8.50	11.55	10.38	8.38	2.22	2.55	7.60
3	8.30	25.30	18.20	24.10	15.00	8.80	12.80	9.97	8.55	2.05	2.13	7.90
4	7.80	24.70	17.80	23.90	14.00	9.60	13.30	9.55	8.55	1.80	1.80	8.40
5	7.00	24.60	17.40	23.90	13.40	10.10	13.88	9.22	8.97	1.63	1.47	8.50
6	6.10	24.60	17.00	23.90	12.70	10.50	14.55	8.97	10.55	1.38	1.30	8.80
7	5.60	24.60	17.00	23.90	12.00	11.00	14.72	8.88	11.63	1.22	1.22	9.10
8	4.70	24.90	17.00	24.10	11.40	11.50	14.05	8.88	12.47	1.13	1.13	9.30
9	4.30	25.40	16.90	24.20	10.80	11.90	13.13	8.80	12.63	1.05	1.13	9.90
10	4.00	25.90	16.80	24.10	10.20	12.00	12.72	8.80	12.47	1.05	1.13	11.20
11	3.60	26.20	16.70	23.70	9.80	11.80	12.13	9.13	12 05	1.05	1.05	12.30
12	3.80	26.30	16.40	23.10	9.60	11.80	11.72	9.47	11.38	1.05	1.50	13.10
13	4.50	26.10	16.00	22.90	9.40	11.70	11.38	9.55	10.55	1.13	1.30	14.20
14	5.80	25.30	16.00	22.80	9.20	11.70	10.97	9.47	9.30	1.22	1.30	16.40
15	7.80	24.70	16.30	23.40	9.10	11.40	10.63	9.22	8.30	1.38	1.50	18.20
16	10.50	24.60	17.10	23.60	9.00	11.00	10.22	8.88	7.55	1.38	1.50	19.80
17	12.70	24.50	18.00	23.90	8.80	10.90	9.88	8.47	6.88	1.30	1.90	21.00
18	14.70	21.30	18.80	23.90	8.60	10.90	9.88	8.22	6.22	1.30	2.00	21.70
19	16.30	19.60	19.60	24.00	8.40	10.90	10.05	7.72	5.72	1.55	2.40	22.10
20	18.20	18.30	19.90	23.80	8.30	10.90	10.30	7.30	5.05	1.80	3.70	22.40
21	20.20	17.00	20.60	23.60	8.30	10.80	10.38	6.88	4.55	1.88	5.90	22.40
22	22.50	16.60	21.30	23.30	8.30	10.60	10.30	6.72	4.13	2.13	6.80	22.00
23	24.40	16.90	21.70	22.90	8.20	10.90	10.30	6.97	3.88	2.30	8.00	21.60
24	25.70	17.80	22.00	22.60	8.10	11 40	10.22	7.22	3.63	2.55	8.90	20.60
25	26.60	18.30	22.30	22.00	7.80	11.90	10.22	7.22	3.47	2.55	9.00	19.90
26	27.10	18.70	22.80	21.40	7.50	11.90	10 05	6.80	3.30	2.47	8.90	19.40
27	27.70	19.00	23.30	20.50	7.50	11.80	9.80	7.05	3.05	2.80	8.60	20.30
28	27.90	19.00	23.90	19.60	7.40	11.80	9.80	7.72	2.88	3.22	8.40	21.50
29	28.10		24.30	18.60	7.40	11.60	9.97	7.97	2.72	3.80	8.30	23.10
30	27.80		24.40	17.60	7.40	11.30	10.22	7.97	2.55	3.80	7.30	24.70
31	27.50		24.40		7.40		10.55	7.63		3.47		25.65

Mississippi River.—Memphis, Tenn., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	26.85	20.50	32.50	32.90	23.70	13 50	19.50	12.70	6.15	3.70	2.85	2.90
2	27.40	18.90	32.60	32.80	24.20	14.10	19 60	12.20	6.70	3.70	2.80	2.70
3	27.80	18.00	32.70	32.60	24.90	14.90	19.50	11.10	6.80	3.65	3.00	2.90
4	28.10	17.20	32.70	31.70	26.70	15.10	19.50	11.00	7.00	3.75	3.70	3.90
5	28.40	16.30	32.50	30.90	27.40	16 20	19.40	10.80	7.20	3.80	4.65	5.30
6	28 60	15.60	32.45	29.90	28.00	16.60	20.10	10.20	7.40	3.90	5.00	9.50
7	27.90	14.90	32.45	28.90	28.10	17.00	22.30	9.60	7.60	4.20	5.00	11.50
8	27.90	14.70	32.30	28.00	28.30	17.10	23.50	9.20	7.70	4.45	5.00	14.60
9	27.50	14.40	32.20	27.50	28.30	17.30	24.00	8.60	7.80	4.60	5.15	15.70
10	27.00	14.10	32 10	27.10	28.20	17.50	25.00	8.00	7.85	4.70	5.70	18.50
11	27.45	14.00	32.00	26.90	27.60	17.60	25.40	7.50	7.85	4.60	6.45	20.70
12	28.25	13.90	32.25	26.60	27.30	17.60	25.50	7.80	8.00	4.50	7.15	21.40
13	29.35	14.00	32.40	26.40	26.30	16.90	25.20	7.70	8.25	4.35	8.40	22.70
14	29.90	14.90	32.60	26.20	24.80	16.20	24.80	7.60	8.50	4.15	9.40	23.00
15	30.30	16.70	32.80	26.00	23.55	16.00	24.30	7.50	8.55	3.80	10.40	22.80
16	30.80	18.50	32.90	25.40	21.80	15.90	24.00	7.40	8.25	3.45	10.70	22.40
17	31.00	22.10	32.95	24.90	20.80	15.70	23.40	7.40	7.65	3.25	10.80	21.10
18	31.25	24.20	33.00	24.50	19.30	15.40	22.50	7.40	7.00	3.20	10.50	19 70
19	31.50	26.00	33.10	23.90	18.00	14.70	21.60	7.30	6.40	3.50	10.30	17.70
20	31.60	27.40	33.20	23.90	16.90	14.30	20.70	7.30	5.90	3.60	9.70	15.60
21	31.40	28.40	33.30	23.90	16.20	14.00	19.80	6.90	5.45	3.40	9.00	13.80
22	31.50	29.20	33.30	24.00	15.45	13.80	18.90	6.90	5.15	3.20	8.50	12.40
23	31.50	30.00	33.35	24.50	15.00	14.90	18.20	6.40	5.00	3.20	8.00	11.40
24	31.60	30.60	33.40	24 80	14.60	15.40	17.30	6.20	4.85	3.30	7.60	10.40
25	30.25	31.10	33.40	24.90	14.40	16.00	16.30	5.90	4.60	3.40	6.30	10.10
26	28.90	31.40	33.40	24.90	14.20	16.50	15.70	5.55	4.40	3.40	5.70	9.80
27	27.45	31.70	33.40	24.80	14 00	17.90	15.20	5.30	4.10	3.30	4.90	9.40
28	26.15	32.10	33.40	24.40	13.85	18.30	14.50	5.00	3.95	3.05	4.50	9.00
29	24.70	32.30	33.40	24.00	13.65	18.90	14.00	5.00	3.80	2.90	3.90	8.90
30	23.30		33.30	23.90	13.45	19.30	13.60	5.30	3.70	2.75	3.30	8.50
31	22.00		33.20		13.25		13.10	5.75		2.60		7.80

Mississippi River.—Memphis, Tenn., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	7.25	23.50	31.60	29.20	33.05	19.20	19.70	11.90	3.10	6.20	16.30	25.20
2	6.45	22.60	31.70	29.00	33.00	18.40	19.20	11.10	2.90	6.25	16.00	25.20
3	5.55	21.40	31.70	28.80	32.85	17.60	18.70	10.40	2.80	6.30	15.80	25.10
4	4.35	19.80	31.40	28.50	32.75	16.80	18.30	10.30	2.70	6.50	15.70	24.80
5	3.50	18.00	31.10	28.50	32.65	16.10	18.10	9.50	2.50	6.90	15.80	24.30
6	2.95	16.50	30.50	28.40	32.55	15.50	18.20	9.20	2.40	7.80	16.00	23.40
7	2.70	14.90	29.80	28.10	32.55	15.20	18.45	9.00	2.35	8.90	16.10	22.40
8	2.55	13.70	28.70	28.00	32.55	15.10	18.70	8.80	2.30	10.00	16.40	21.10
9	2.45	12.90	27.30	27.80	32.60	15.30	18.70	8.60	2.25	10.80	17.00	19.70
10	2.35	13.20	25.70	27.60	32.65	15.35	18.50	8.30	2.20	11.30	17.40	18.40
11	2.38	13.70	24.40	27.40	32.65	15.20	18.00	8.00	2.10	11.70	17.80	17.20
12	2.38	15.00	23.50	27.40	32.60	15.00	17.30	7.50	2.10	12.20	17.90	16.00
13	2.62	19.50	22.80	28.40	32.60	14.80	16.40	7.10	2.20	12.60	18.00	15.20
14	3.22	23.00	22.20	28.80	32.45	14.80	15.30	6.70	2.20	12.80	18.20	14.60
15	4.04	25.80	21.70	29.40	32.15	15.00	14.20	6.30	2 30	12.90	18.70	14.00
16	5.80	27.20	21.70	29.90	31.75	15.70	13.20	5.80	2.40	13.00	19.30	13.50
17	7.90	28.00	22.10	30.40	31.00	16.50	12.50	5.50	2.50	13.00	19 90	13.40
18	9.30	28.60	22.80	30.80	30.10	17.30	12.30	5.10	2.60	12.90	20.50	13.40
19	10.40	29 10	23.50	31.20	29.00	18.00	12.30	4.80	2.80	12.70	21.00	13.30
20	11.30	29.50	24.10	31.50	27.80	19.10	12.30	4.60	2.90	12.50	21.80	15.00
21	12.30	29.80	24.70	31.80	26.70	20.40	13.00	4.50	3.20	12.40	22.60	16.40
22	13.30	30.10	25.90	32.20	25.40	21.50	13.30	4.40	3.70	12.40	23.40	18.10
23	15.50	30.50	26.80	32.50	24.40	22.30	13.50	4.35	4.10	12.50	24.20	20.00
24	17.50	30.70	27.60	32.75	23.50	22.70	13.70	4.30	4.20	13.70	24.70	21.60
25	19.50	31.00	28.10	33.00	22.60	22.80	13 90	4.10	4.30	14.50	25.10	23.00
26	20.90	31.00	28.50	33.20	21.80	22.60	14.00	3.90	4.30	15.10	25.25	24.20
27	22.20	31.20	28.80	33.30	21.20	22.10	13.90	3.80	4.30	15.50	25.25	25.30
28	23.00	31.50	29.10	33 30	20.80	21.60	13.80	3.70	4.90	16.00	25.10	26.50
29	23.60		29.30	33.20	20.20	20.90	13.60	3.65	5.80	16.20	25.10	27.40
30	23.95		29.30	33.15	20.00	20.30	13.30	3.40	6.10	16.40	25.20	28.10
31	23.95		29.40		19.70		12.70	3:30		16.40		28.60

Mississippi River. Memphis, Tenn.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	28.90	34.15	34.60	32.70	24.10	30.35	28.80	15.50	8.90	6.80	5.13	6.30
2	29.20	34.00	34.80	32.55	24.30	30.30	28.50	15.00	8.80	6.30	5.18	6.25
3	29.30	34.00	34.80	32.40	24.40	30.40	28.20	14.50	8.80	6.00	5.22	6.25
4	29.40	34.15	34.80	32.40	24.50	30.60	28.10	14.30	8.80	5.80	5.22	6.30
5	29.40	34.10	34.80	32.25	24.60	30.80	28.00	14.00	8.75	5.75	5.34	6.40
6	29.30	34.10	35.15	32.15	24.70	30.90	28.00	13.70	8.75	5.45	5.43	6.40
7	29.30	34.25	35.05	31.90	24.70	31.10	28.50	13.70	8.85	5.45	5.49	6.45
8	29.20	34.25	35.00	31.45	24.60	31.25	28.90	14.40	8.90	5.40	5.51	6.60
9	29.00	34.30	35.15	30.70	24.60	31.40	29.20	15.20	9.25	5.40	5.52	6.80
10	28.80	34.30	35.00	29.90	25.20	31.50	29.50	15.90	9.45	5.40	5.54	6.60
11	28.75	34.25	35.00	29.20	26.85	31.50	29.70	16.10	9.55	5.40	5.55	6.50
12	28.60	34.25	34.80	28.80	28.50	31.50	30.00	16.00	9.55	5.40	5.97	6.25
13	28.90	34.25	34.70	28.50	29.30	31.40	29.80	15.80	9.40	5.40	6.18	6.00
14	29.10	34.25	34.55	28.30	30.00	31.30	29.65	15.60	9.25	5.40	6.26	5.70
15	29.40	34.25	34.55	28.00	30.50	30.90	29.20	15.30	9.00	5.35	6.47	5.25
16	29.80	34.15	34.45	27.75	31.10	30.10	28.50	15.00	8.50	5.22	6.76	4.85
17	30.50	34.10	34.40	27.50	31.50	29.20	27.80	14.60	8.30	5.13	6.85	4.45
18	31.00	34.05	34.30	27.50	31.70	28.40	27.10	14.10	8.25	5.13	7.00	4.20
19	31.40	34.00	34.25	27.60	31.90	27.60	26.30	13.80	8.25	4.84	7.10	4.00
20	31.70	33.95	34.20	27.50	32.00	27.20	25.50	13.60	9.00	4.68	7.20	3.75
21	32.00	33.95	34.15	27.10	32.10	27.20	24.60	13.40	10.00	4.55	7.25	3.50
22	32.30	33.90	34.05	26.50	32.20	27.80	23.70	13.20	10.50	4.55	7.25	3.55
23	32.70	33.95	34.00	25.70	32.20	28.50	23.00	12.80	11.40	4.47	7.00	3.75
24	32.90	34.00	33.90	24.90	32.20	29.00	22.50	12.30	11.25	4.47	6.75	4.15
25	33.20	34.05	33.80	24.10	32.20	29.20	21.90	11.80	10.40	4.84	6.60	4.90
26	33.40	34.15	33.70	23.40	32.15	29.30	21.30	11.30	9.80	4.88	6.55	5.07
27	33.60	34.20	33.50	23.00	32.10	29.40	20.30	10.80	9.25	4.97	6.50	6.30
28	33.90	34.55	33.40	22.60	31.95	29.50	19.30	10.20	8.55	4.97	6.45	7.20
29	34.00		33.20	23.40	31.65	29.50	18.20	9.50	8.00	4.97	6.40	8.20
30	34.10		33.00	23.75	31.20	29.10	17.20	9.00	7.30	4.93	6.35	9.00
31	34.10		32.85		30.70		16.30	8.90		5.01		9.70

Mississippi River.—Memphis, Tenn., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	10.15	22.00	34.65	18.65	32.05	24.75	30.25	14.40	7.30	1.95	6.00	20.00
2	10.35	22.10	34.60	18.90	31.95	25.10	30.15	13.90	7.00	1.90	6.55	20.20
3	10.35	22.10	34.60	19.50	31.95	25.40	30.10	13.40	6.50	2.20	7.30	20.20
4	10.37	22.00	34.60	20.80	31.85	25.50	29.95	13.25	6.20	2.25	8.95	20.00
5	10.00	21.90	34.70	22.50	31.80	25.40	29.75	13.65	5.90	2.25	10.00	19.80
6	9.70	22.10	34.75	24.10	31.60	25.25	29.30	14.40	5.60	2.30	11.40	19.40
7	9.30	22.15	34.75	25.60	31.35	24.90	28.75	15.00	5.50	2.35	12.40	19.10
8	8.90	21.90	34.75	27.00	30.80	24.50	28.00	15.15	4.70	2.55	12.80	18.50
9	8.30	22.20	34.60	28.10	30.00	24.25	26.90	14.90	4.40	2.70	12.80	17.90
10	7.90	23.30	34.45	28.90	28.75	24.20	25.65	14.65	4.30	2.85	12.30	17.00
11	7.30	24.70	34.30	29.70	27.00	24.40	24.20	14.40	4.30	3.10	12.30	15.80
12	7.00	26.10	34.05	30.30	25.10	25.00	22.70	14.00	4.30	3.40	12.30	14.50
13	7.10	27.30	33.85	30.70	23.20	26.00	21.50	13.70	4.25	3.70	13.00	13.20
14	7.20	28.50	33.55	31.00	21.80	26.30	20.30	13.30	4.10	3.90	13.50	12.00
15	7.50	29.45	33.20	31.50	20 50	26.80	19.50	12.80	3.90	4.00	13.50	11.20
16	7.50	30.30	32.30	31.70	19.40	27.25	19.10	12.30	3.70	3.90	13.60	10.20
17	7.55	31.10	31.20	32.00	18.50	27.75	18.80	11.70	3.50	4.00	14.05	10.00
18	7.60	31.70	29.70	32.20	18.00	28.20	18.75	11.20	3.30	4.30	14.40	9.70
19	7.50	32.20	28.40	32.25	17.50	28.55	19.00	10.80	3.15	4.50	14.70	9.40
20	8.00	32.75	26.40	32.40	17.70	28.90	19.75	10.50	3.00	4.80	14.50	9.00
21	8.60	33.20	24.90	32.40	18 25	29.10	20.20	10.20	2.70	4.90	14.00	8.70
22	9.50	33.65	23.40	32.50	19.30	29.70	20.50	10 00	2.50	4.80	13.35	8 30
23	10.25	34.05	22.10	32.50	20.75	29.80	20.55	9.90	2.45	4.80	12.60	8.00
24	11 00	34.30	20 80	32.40	21 60	30.00	20.35	9.50	2.40	4.80	12.60	7.90
25	11.70	34.45	19.90	32.25	22.20	30.05	19.90	9.50	2.30	4.90	13.00	7.90
26	13.10	34.50	19.40	32.00	22.65	30.05	19.20	9.00	2.10	5.00	14.00	8.30
27	15.00	34.55	18.80	31.90	23.10	30.10	18.30	8.30	2.00	5.25	15.10	9.50
28	17.00	34.60	18.45	31.85	23.40	30.15	17.15	8.15	2.00	5.35	16.90	12.00
29	18.60		18.30	32.00	23 70	30.20	16.10	8 05	2.00	5.30	18.50	16.00
30	20.10		18.20	32.00	24.20	30.20	15.25	7.90	2.00	5.00	19.40	19.75
31	21.30		18.30		24.55		14.70	7.80		4.90		21.85

Mississippi River.—Memphis, Tenn., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	23.15	18.30	34.15	33.05	29.30	15.40	16.90	10.50	5.60	6.80	9.75	5.90
2	24.20	18.30	34.15	33.05	29.10	15.10	16.80	11.00	5.80	8.50	9.60	6.00
3	24.90	18.50	34.15	33.00	28.95	15.05	16.45	11.60	6.15	10.10	9.40	5.90
4	25.50	18.90	34.05	32.95	28.75	15.05	16.30	12.00	6.45	12.00	9.25	5.70
5	25.60	20.25	34.10	32.95	28.60	14.90	16.20	12.35	6.80	12.25	9.00	5.40
6	25.80	22.55	33.90	32.95	28.50	14.85	16.30	12.60	7.05	12.90	8.60	5.00
7	25.80	24.85	33.70	32.95	28.45	14.85	16.25	12.60	7.25	13.00	8.70	4.50
8	25.10	27.00	33.70	32.90	28.45	15.20	16.15	12.30	7.25	12.90	8.30	4.00
9	24.35	28.75	33.50	32.90	28.45	15.80	16.00	12.20	7.05	12.40	7.90	3.60
10	23.60	30.10	33.25	32.75	28.70	16.10	16.00	12.20	6.70	11.90	7.55	3.40
11	22.70	30.80	32.75	32.65	29.00	16.45	16.00	11.75	6.25	11.50	7.20	3.10
12	21.80	31.20	32.25	32.45	29.10	16.80	16.00	11.20	5.80	11.10	7.00	3.10
13	20.70	31.80	31.50	32.25	29.10	17.20	16.00	10.55	5.45	10.80	6.70	3.30
14	19.65	32.20	30.80	32.15	28.90	17.80	15.95	9.95	5.15	10.65	6.40	4.25
15	18.70	32.50	30.40	31.90	28.50	18.50	15.75	9.80	4.95	10.55	6.15	5.15
16	17.70	32.80	30.25	31.75	28.10	18.95	15.50	9.35	4.80	11.00	6.10	6.30
17	17.00	33.05	30.40	31.50	27.55	19.15	15.00	8.55	4.75	11.40	5.80	7.05
18	16.50	33.35	30.50	31.10	26.85	19.30	14.80	8.00	4.65	11.50	5.60	8.30
19	16.80	33.45	30.80	31.00	25.85	19.40	14.50	7.60	4.65	11.60	5.60	9.10
20	17.50	33.55	30.95	30.90	24.75	19.45	14.60	7.10	4.70	11.40	5.55	9.70
21	18.10	33.70	31.10	30.60	23.70	19.45	15.20	6.80	4.55	11.20	5.40	9.80
22	18.70	33.80	31.40	30.50	23.00	19.30	15.40	6.50	4.45	10.95	5.40	9.80
23	19.25	33.85	31.55	30.40	22.35	19.00	15.00	6.20	4.40	10.75	5.00	9.50
24	19.60	33.95	31.85	30.25	21.60	18.65	14.10	5.90	4.30	10.25	4.60	9.20
25	19.80	34.00	32.10	30.10	21.00	18.45	13.15	5.70	4.30	9.95	4.40	8.50
26	19.95	33.95	32.25	29.90	20.25	18.20	12.15	5.70	4.30	9.80	4.35	7.70
27	19.65	33.95	32.45	29.70	19.30	17.90	11.35	5.85	4.40	9.60	4.30	7.30
28	19.50	33.95	32.75	29.60	18.50	17.55	10.70	5.85	4.50	9.40	4.50	8.20
29	19.10	34.00	32.80	29.55	17.75	17.20	10.35	5.80	4.80	9.80	5.00	9.10
30	18.90		32.80	29.45	16.60	17.00	10.10	5.90	5.60	9.90	5.50	10.20
31	18.50		32.90		15.90		10.10	5.70		9.90		12.70

Mississippi River.—Fulton, Tenn., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.84	9.07
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.39	9.41
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.03	9.71
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.76	9.95
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.61	10.12
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.49	10.25
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.41	10.58
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.37	11.11
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.37	11.99
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 30	13.21
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.22	13.96
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.16	15.00
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.12	16.63
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.10	18.46
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.17	20.19
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.26	21.51
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.48	22.29
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.86	22.74
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.80	22.99
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.78	23.04
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.91	22.86
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.40	22.32
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.25	21.50
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.62	20 59
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.53	19.95
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.19	20.56
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.77	21.80
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.80	9.28	23.36
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.91	8.85	24.83
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.73	8.71	26.09
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.30		27.18

Mississippi River.—Paducah, Tenn., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	27.86	20.01	32 93	33.12	25.01	15.43	20.58	13.43	8.10	6.25	4.65	4.70
2	28.42	18.98	32.82	32.48	26.11	16.12	20.28	12.88	8.50	6.25	4.85	4.73
3	28.75	18.08	32.83	31 83	27.14	16.86	20.23	12.36	8.81	6.25	5.48	5.60
4	28.84	17.27	32.76	30.86	27.84	17.46	20.52	11.87	8.97	6.29	6.18	7.57
5	28.78	16.57	32.64	29.83	28.30	17.95	21.47	11.50	8.98	6.53	6.61	10.05
6	28.43	15.88	32.46	28.88	28.63	18.26	22.68	11.14	9.13	6.75	6.64	12.33
7	28.08	15.46	32.37	28.06	28.86	18.37	23.97	10.73	9.56	6.97	6.60	14.19
8	27.73	15.27	32.25	27.61	28.97	18.42	25.02	10.43	9.96	7.10	6 70	16.13
9	27.42	15.06	32.14	27.33	28.92	18.63	25.74	10.15	10.08	7.17	7.05	18.65
10	27.81	14.76	32.08	27.11	28.54	18.60	26.09	9.92	10.09	7.11	7.58	20.98
11	28.62	14.39	32.10	27.06	27.87	18.22	26.18	9.75	10.18	7.02	8.39	22.43
12	29.58	14.11	32.38	26.90	26.87	17.74	26.03	9.58	10.44	6.91	9.58	23.20
13	30.17	14.35	32.49	26.66	25.53	17.39	25.67	9.43	10.74	6.63	10.64	23.52
14	30.79	15.35	32.66	26.46	24.26	17.35	25.13	9.36	10.88	6.32	11.64	23.51
15	31.23	18.75	32.93	26.23	23.03	17.34	24.53	9.29	10.58	5.96	12.00	23.04
16	31.60	21.95	33.22	25.48	21.74	17.05	23.85	9.25	10.10	5.69	12.26	22.17
17	32.01	24.64	33.39	24.60	20.39	16.60	23.16	9.15	9.54	.....	12.07	20.67
18	32.16	26.63	33.54	24.23	19.18	16.10	22.38	8.97	8.98	5.85	11.72	18.79
19	32.18	28.17	33.73	24.16	18.16	15.67	21.64	8.78	8.42	6.02	11.24	16.74
20	32.12	29.18	33.81	24.21	17.21	15.39	20.84	8.54	8.01	5.90	10.68	14.83
21	31.95	30.10	33.88	24.55	16.65	15.60	19.98	8.33	7.72	5.68	10.18	13.70
22	31.67	30.82	33.99	24.94	16.06	16.15	19.23	8.20	7.53	5.58	9.53	12.75
23	31.15	31.44	34.04	25.25	15.84	16.66	18.42	7.95	7.38	5.55	9.14	12.12
24	30.30	31.92	34.11	25.47	15.81	17.24	17 67	7.61	7.14	5.85	8.54	11.41
25	29.30	32.31	34.14	25.51	15.66	17.98	17.00	7.23	6.92	5.87	8.06	10.91
26	28.09	32.53	34.15	25.30	15.51	18.78	16.38	6.95	6.69	5.65	7.43	10.65
27	26.75	32.68	34.08	24.86	15.30	19.34	15.87	6.71	6.47	5.41	6.73	10.38
28	25.28	32.91	34.08	24.38	15.09	19.83	15.44	6.67	6.33	5.15	6.05	10.14
29	23.97	32.98	33.97	23.97	14.78	20.28	15.05	6.95	6.27	4.93	5.46	9.95
30	22.53		33.79	24.13	14.74	20.53	14.60	7.42	6.25	4.82	4.93	9.60
31	21.23		33.55		14.88		14.07	7.78		4.73		.....

Mississippi River.—Fulton, Tenn., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	23.21	32.10	29.63	33.85	19.54	20.36	13.22	5.54	.....	.....	.....
2	.....	22.19	32.01	29.38	33.53	18.87	19.89	12.55	5.32	.....	.....	.....
3	.....	20.55	.....	29.13	33.36	18.14	19.47	12.06	5.20	.....	.....	.....
4	.....	18.80	31.57	29.05	33.23	17.55	19.26	11.68	5.08	.....	.....	.....
5	.....	17.17	31.08	28.94	33.17	17.15	.....	11.47	5.01	.....	.....	.....
6	.....	15.76	30.25	28.71	33.12	16.76	.....	11.26	4.87	.....	.....	23.42
7	.....	14.62	29.07	28.48	33.11	16.68	19.79	11.07	.....	.....	.....	22.27
8	.....	13.82	27.66	28.17	33.13	.....	19.86	10.89	4.81	.....	.....	20.86
9	4.04	13.54	26.19	27.83	33.15	16.96	19.75	10.67	4.77	.....	.....	19.69
10	4.04	13.75	24.93	27.85	33.23	16.90	19.33	10.38	4.63	.....	.....	18.60
11	.....	.....	24.34	28.10	33.25	16.66	18.70	10.02	.....	.....	.....	17.65
12	.....	.....	23.45	28.59	33.18	16.44	17.85	9.60	.....	.....	.....	16.88
13	4.87	.....	22.87	29.13	33.05	16.36	16.89	9.24	.....	.....	.....	16.27
14	5.72	25.58	22.47	29.67	32.71	16.44	15.96	8.81	.....	.....	.....	15.80
15	7.07	27.48	22.28	30.28	32.08	17.06	15.11	8.45	.....	.....	.....	15.35
16	9.31	28.13	22.26	30.86	31.25	17.76	14.41	8.08	.....	.....	.....	15.13
17	10.68	28.76	23.40	31.36	30.26	18.50	14.14	7.96	.....	.....	.....	15.06
18	.....	29.21	24.27	31.86	29.23	19.14	14.20	7.71	.....	.....	.....	15.38
19	.....	29.55	.....	32.29	27.86	20.14	14.49	7.59	.....	.....	.....	16.24
20	.....	29.94	25.46	32.64	26.91	21.14	14.78	7.28	.....	.....	.....	17.64
21	13.89	30.33	26.38	32.96	25.77	22.45	15.02	8.71	.....	.....	.....	19.21
22	15.18	30.71	27.44	33.30	24.87	.....	15.18	8.14	.....	.....	.....	20.93
23	17.28	31.07	28.45	33.51	24.10	23.63	15.41	7.99	.....	.....	.....	22.56
24	19.32	31.36	28.83	33.97	23.31	23.72	15.59	7.84	.....	.....	.....	23.77
25	21.07	31.63	29.27	34.17	22.53	23.53	15.67	7.71	.....	.....	.....	24.68
26	22.33	31.79	29.56	34.27	21.91	22.77	15.70	7.59	.....	.....	.....	25.83
27	23.23	32.01	29.74	34.25	21.49	22.52	15.62	7.49	.....	.....	.....	27.11
28	23.83	32.12	29.89	34.16	21.25	21.95	15.38	6.20	.....	.....	.....	28.13
29	24.20		30.02	34.14	21.04	21.37	15.15	5.00	.....	.....	.....	28.97
30	24.32		31.01	34.03	20.73	20.82	14.67	5.86	.....	.....	.....	29.51
31	24.02		29.93		20.20		13.92	5.68		.....	.....	29.88

Mississippi River.—Fulton, Tenn., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	30.02	35.74	36.69	33.11	24.73	30.66	28.56	17.52	11.42	9.53	8.30	9.09
2	30.12	35.71	36.66	32.96	24.87	30.81	28.37	17.31	11.42	9.30	8.30	9.10
3	30.14	35.74	36.60	32.84	24.96	31.00	28.26	17.00	11.42	9.02	8.33	9.11
4	30.17	35.74	36.51	32.70	25.11	31.27	28.29	16.74	11.41	8.84	8.38	9.12
5	30.11	35.65	36.44	32.58	25.22	31.55	28.62	16.43	11.41	8.75	8.47	9.11
6	30.07	35.65	36.44	32.30	25.25	31.71	28.89	16.41	11.48	8.79	8.51	9.11
7	29.53	35.64	36.38	31.79	25.05	31.85	29.20	16.86	11.61	8.79	8.50	9.25
8	29.75	35.66	36.28	31.13	24.86	31.97	29.53	17.62	11.75	8.77	8.51	9.46
9	29.50	35.69	36.26	30.16	24.63	32.04	29.82	18.34	11.95	8.70	8.54	9.50
10	29.28	35.67	36.18	29.33	25.35	32.07	30.03	18.58	12.10	8.63	8.54	9.34
11	29.25	35.59	36.11	29.05	27.02	32.07	30.13	18.54	12.13	8.60	8.77	9.06
12	29.24	35.50	36.04	28.79	28.58	31.96	30.12	18.39	12.01	8.58	9.11	8.74
13	29.50	35.51	36.04	28.62	29.88	31.69	29.89	18.15	11.85	8.57	9.18	8.47
14	29.88	35.37	36.13	28.41	30.85	31.25	28.74	17.78	11.65	8 48	9.39	8.17
15	30.33	35.23	36.13	28.05	31.63	30.50	.....	17.63	11.47	8.40	9.59	7.76
16	30.91	35.18	36.00	27.87	32.16	29.49	28.04	17.15	11.19	8.30	9.70	7.47
17	31.41	35.11	35.86	27.81	32.52	28.45	27.30	16.40	10.99	8.20	9.68	7.22
18	31.85	35.05	35.76	27.88	32.67	27.45	26.61	15.84	11.02	8.01	9.74	7.04
19	32.23	35.03	35.68	27.92	32.70	27.90	25.82	15.60	11.57	7.92	9.86	6.78
20	32.59	35.12	35.62	27.61	32.69	27.21	25.02	15.36	12.43	7.82	9.90	6.64
21	33.12	.....	35 52	27 08	32.85	27.86	24.31	15.11	13.02	7.73	9.78	6.65
22	33.54	35.23	35.44	26.24	32 83	28.59	23.69	14.83	13.60	7.70	9.62	6.78
23	33.92	35.32	35.17	25.61	32.79	29.01	23.17	14.44	13.52	7.76	9.54	7.12
24	34.36	35.59	34.97	24.70	32.82	29.35	22.70	13.97	13 06	7.87	9.41	7.70
25	34.72	35.89	34.73	24.05	32.80	29.61	22.15	13.55	12.33	7.98	9.22	8.25
26	35.02	36.19	34.49	23.70	32.68	29.79	21.40	13.06	11.84	8.05	9.18	8.86
27	35.32	36.43	34.25	23.82	32 51	29.81	20.52	12.62	11.30	8.08	9.12	9.66
28	35.50	36.63	33.96	23.96	32.14	29.69	19.50	12.21	10.76	8.06	9.08	10.48
29	35.62		33.68	24.21	31.59	29.39	18.64	11.91	10.30	8.10	9.03	11.25
30	35.67		33.42	24.46	31.04	29.09	18.87	11.74	9.85	8.13	9.08	11.87
31	35.78		33 25		30.66		18.22	11.54		8.18		12.31

Mississippi River.—Fulton, Tenn., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	12.54	22.56	36.28	20.55	32.60	25.27	30.56	15.62	9.47	4.68	8.60	20 98
2	12.52	22.45	36.29	21.01	32.56	25.55	30.51	15.22	9.19	4.68	9.18	21.00
3	12.44	22.30	36.24	21.80	32.47	25.83	30.48	15.00	8.82	4.72	10.40	20.88
4	12.25	22.08	36.20	23.12	32.37	25.86	30.06	15.06	8.56	4.76	11.88	20.66
5	11.96	22.19	36.10	24.70	32.22	25.70	29.64	15.89	8.35	4.86	13.20	20.33
6	11.57	22.36	35.95	26.20	31.94	25.41	29.03	16.66	8.15	5.00	14.05	19.86
7	11.16	22.06	35.85	27.57	31.51	25.12	28.30	16.91	7.91	5.24	14.33	19.44
8	10.74	22.18	35.62	28.76	30.69	24.83	27.26	16.68	7.73	5.38	14.35	18.81
9	10.44	23.01	35.40	29.60	29.30	24.62	26.10	16.29	7.52	5.54	14.05	18.10
10	9.87	24.45	35.15	30.36	27.23	24.78	24.74	15.91	7.40	5.74	13.80	17.20
11	9.52	.....	34.88	30.98	25.60	25.41	23.49	15.69	7.25	6.04	13.72	15.65
12	9.59	.....	34.56	31.48	23.89	26.13	21.80	15.44	7.15	6.34	14.32	14.47
13	9.78	.....	34.13	31.88	22.45	26.63	21.22	15.11	6.90	6.60	14.86	13.78
14	9.91	.....	33.40	32.25	21.19	27.04	20.45	14.70	6.75	6.70	15.00	13.00
15	10.00	.....	32.41	32.45	20.11	27.54	19.96	14.29	6.55	6.73	15.16	12.49
16	10.04	.....	31.17	32.70	19.33	27.97	19.74	13.78	6.35	6.70	15.43	12.10
17	9.98	.....	29.60	32.90	18.78	28.40	19.74	13.30	6.15	6.84	15.80	11.84
18	9.93	.....	28.51	33.05	18.57	28.93	19.98	12.92	5.90	7.22	16.28	11.58
19	10.18	.....	27.25	33.20	18.76	29.29	20.55	12.60	5.80	7.35	16.07	11.26
20	10.76	.....	26.29	33.20	19.01	29.55	21.00	12.43	5.78	7.52	15.65	10.98
21	11.55	.....	24.83	33.11	19.93	29.76	21.27	12.24	5.62	7.78	15.54	10.70
22	12.25	.....	23.52	32.92	21.22	.....	21.45	12.06	5.38	7.80	14.18	10.48
23	12.77	.....	22.37	32.57	22.21	30.15	21.42	11.83	5.18	7.80	14.00	10.04
24	13.40	.....	21.48	32.24	22.80	30.28	20.96	11.44	5.16	7.88	14.72	9.89
25	14.42	.....	20.93	32.12	23.28	30.39	20.36	11.06	5.09	8.19	15.40	9.92
26	16.08	.....	20.50	32.21	23.68	30.47	19 53	10.75	4.92	8.38	16.06	10.69
27	17.82	.....	20.18	32.34	24.00	30.52	18.58	10.56	4.88	8.35	17.58	12.53
28	19.23	.....	20.07	32.50	24.34	30.54	17.53	10.48	4.80	8.14	19.06	16.05
29	20.64		20.07	32.70	24.63	30.56	16.71	10 35	4.74	8.02	20.12	19.63
30	21.70		20.09	32.72	24.93	30.56	16.19	10.15	4.72	7.90	20.72	22.16
31	22.45		20.28		25.00		15.84	9.83		8.15		23.71

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	24.52	18.71	35.64	34.78	28.78	16.67?	17.94	12.76	7.88	9.76	11.64	8.36
2	25.34	18.86	35.47	34.82	28.46	16.71?	17.72	13.22	8.12	11.34	11.52	8.29
3	25.98	19.12	35.26	34.92	28.36	16.63?	17.55	13.61	8.42	12.64	11.34	8.14
4	26.35	20.35	35.18	34.90	28.22	16.20?	17.42	14.00	8.70	13.40	11.16	7.90
5	26.44	23.44	35.09	34.76	27.96	16.01	17.46	14.25	8.96	14.37	10.88	7.60
6	26.40	24.49	34.81	34.66	27.90	15.99	17.51	14.24	9.18	14.70	10.56	7.10
7	25.49	26.81	34.53	34.60	27.96	16.20	17.46	14.20	9.20	14.54	10.11	6.62
8	25.02	28.61	34.36	34.44	28.00	16.65	17.36	14.06	9.08	14.28	9.60	6.20
9	24.21	29.81	33.90	34.32	28.36	17.11	17.30	13.84	8.80	13.86	9.45	5.85
10	23.32	30.67	33.42	34.07	28.64	17.44	17.34	13.62	8.41	13.45	9.15	5.56
11	22.36	31.49	32.51	33.77	28.75	17.82	17.47	13.12	8.02	13.09	8.87	5.48
12	21.28	32.05	31.52	33.46	28.74	18.29	17.48	12.70	7.63	12.80	8.59	5.62
13	20.20	32.66	30.72	33.10	28.54	18.77	17.34	12.16	7.36	12.56	8.34	6.14
14	19.20	33.18	30.43	32.86	28.22	19.45	17.14	11.80	7.16	12.56	8.07	7.14
15	18.24	33.71	30.54	32.40	27.74	19.91	16.91	11.42	7.06	12.94	7.86	7.94
16	17.54	34.22	30.84	32.11	27.31	20.16	16.60	11.02	6.88	13.16	7.64	8.64
17	17.05	34.51	31.26	31.60	26.46	20.26	16.31	10.61	6.83	13.30	7.58	9.56
18	17.14	34.87	31.62	31.34	25.58?	20.45	15.99	10.21	6.81	13.32	7.54	9.98
19	17.74	34.84	31.85	31.24	24.50?	20.56	16.16	9.83	6.80	13.28	7.48	10.68
20	18.40	35.26	32.08	31.26	23.46?	20.60	16.55	9.51	6.74	13.13	7.40	10.96
21	18.59	35.37	32.37	31.05	22.50?	20.45	16.84	9.11	6.60	12.90	7.30	11.03
22	19.60	35.50	32.72	30.84	21.62?	20.14	16.53	8.90	6.54	12.64	7.20	10.81
23	20.11	35.58	32.94	30.68	20.74?	19.78	15.79	8.74	6.46	12.31	7.10	10.42
24	.....	35.64	33.26	30.64	19.82?	19.54	14.90	8.57	6.40	12.02	7.02	9.78
25	.....	35.68	33.56	30.60	19.86?	19.35	14.11	8.50	6.39	11.80	6.86	9.01
26	20.28	35.68	33.97	29.99	20.20?	19.12	13.36	8.50	6.40	11.55	6.80	8.86
27	19.94	35.68	34.11	29.66	19.46?	18.80	12.65	8.28	6.61	11.52	6.80	8.96
28	19.69	35.68	34.28	29.29	18.86?	18.52	12.36	8.06	6.76	11.58	7.28	9.36
29	19.39	35.68	34.55	29.15	17.51?	18.29	12.10	7.90	7.26	11.88	7.88	10.44
30	19.22		34.62	28.99	16.74?	18.06	12.05	7.76	8.32	11.88	8.24	12.44
31	18.78		34.68		16.63?		12.33	7.76		11.76		14.46

Mississippi River.—Cottonwood Point, Mo., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.10
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.45
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.90
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.15
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.40
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.75
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.25
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.00
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.35
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.65
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15.45
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.05
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.15
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.40
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.15
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.05	24.75
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.40	25.00
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.15	25.25
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.05	25.40
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.10	25.20
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.50	24.70
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.05	23.75
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.90	22.50
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.00	21.45
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.65	21.50
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.10	22.85
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.45	24.60
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.80	26.60
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.30	28.15
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.60	29.40
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		30.30

Mississippi River.—Cottonwood Point, Mo., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.
1	30.80	20.10	34.15	33 50	27.25	15.85	21.60	12.90	6.80	4.05	2.60	2.15
2	31.20	19.20	33.95	32.65	28.70	16.75	21 30	12.15	7.20	4.10	2.95	2.55
3	31.40	18.40	33.85	31.75	29.70	17.60	21.35	11.55	7.45	4.10	3.85	4.45
4	31.20	17.60	33.65	30.70	30.30	18.25	22.00	11.00	7.60	4.25	4.50	6.90
5	30.65	16.85	33.45	29.65	30.65	18 70	23.45	10.50	7.55	4.60	4.60	10.35
6	30 10	16.25	33.25	28.85	30.85	19.00	25.00	9.95	7.95	4.90	4.60	13.05
7	29.55	15.95	33.10	28.45	31.00	19.00	26.45	9.50	8.55	5.15	4.65	15.30
8	29.00	15.75	33.00	28 30	30.85	19.10	27.45	9.20	8.90	5.30	4.90	17.90
9	29.05	15.55	33.15	28.30	30.50	19.35	28.00	8.85	8.90	5.35	5.45	21.15
10	30.10	15.10	33.25	28.30	29.80	19.10	28.10	8.55	8.90	5.20	6.15	23.65
11	31.45	14.60	33.30	28.30	28.75	18.55	28.05	8.35	9.10	5.10	7.25	25.15
12	32.45	14.30	33.55	28.10	27.25	18.00	27.65	8.15	9.60	4.85	9.00	25.60
13	33.05	14.65	33.75	27.85	25.70	17.80	27.00	8.00	9.90	4.45	10.25	25.70
14	33.60	16.05	34.00	27.60	24.35	17.85	26.30	7.95	9.80	4.00	11.15	25.30
15	33.85	21.40	34.25	27.00	23.10	17.75	25.60	7.90	9.25	3.55	11.55	24.45
16	34.05	24.70	34.55	25.90	21.65	17.25	24.80	7.85	8.00	3.45	11.55	23.10
17	34.20	27.45	34.75	25.05	20.35	16.65	24.05	7.65	7.85	4.55	11.15	20.90
18	34.20	29.55	34.95	24.95	19.10	16.15	23.25	7.45	7.10	4.05	10.65	18 50
19	34.05	30.95	35.10	25.15	18.00	15.70	22.25	7.10	6.60	3.95	10.00	16.05
20	33.85	32.00	35.20	25.40	17.10	15.85	21.35	6.85	6.25	3.65	9.25	14.25
21	33.40	32.75	35.30	25.95	16.55	16.40	20.50	6.65	5.95	3.40	8.65	12.85
22	32.75	33.45	35.40	26.40	15.85	16.85	19.65	6.45	5.70	3.55	8.00	12.00
23	31.90	33.90	35.45	26.75	15.70	17.45	18.75	6.15	5.30	3.65	7.20	11.20
24	30.85	34.25	35.50	26 95	15.80	18.10	17.90	5.60	5.05	3.70	6.55	10.60
25	29.60	34.45	35.50	26.85	15.60	18.45	17.15	5.20	4.70	3.55	5.80	10.10
26	28.25	34.55	35.50	26.45	15.35	20.00	16.55	4.80	4.45	3.25	5.10	9.60
27	26.75	34.60	35.40	25.80	15 10	20.65	15.95	4.55	4.15	2.95	4.20	9.25
28	25.25	34.50	35.25	25.20	14.70	21.20	15.40	4.85	4.05	2.75	3.45	8.90
29	23.75	34.35	35.05	25.05	14.50	21.65	14.95	5.35	4.10	2.55	2.65	8.60
30	22.35		34.80	25.85	14.55	21.80	14.35	6.05	4.10	2.50	2.15	8.05
31	21.25		34.25		15.00		13.65	6.45		2.60		7 15

Mississippi River.—Cottonwood Point, Mo., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	6.15	24.10	33.85	30.55	34.25	19.60	20.85	12.20	2.65	6.60	17.70	27.50
2	4.90	22.30	33.60	30.15	34.05	18.80	20.40	11.50	2.45	6.75	17.45	27.30
3	3.50	20.35	33.20	30.10	33.95	18.15	20.00	10.90	2.35	7.10	17.45	26.80
4	2.60	18.45	32.60	30.10	33.90	17.50	19.85	10.55	2.25	7.75	17.65	26.10
5	2.10	16.65	31.75	29.90	34.00	16.90	20.10	10.25	2.10	8.90	17.85	25.15
6	1.90	15.20	30.55	29.65	34.00	16.50	20.45	10.05	2.05	10.30	18.00	23.85
7	1.75	14.15	29.00	29.35	34.10	16.75	20.65	9.75	2.00	11.65	18.40	22.45
8	1.60	13.50	27.30	28.90	34.15	17.05	20.75	9.50	1.90	12.40	18.85	20.90
9	1.65	13.45	25.75	28.75	34.25	17.10	20.50	9.10	1.80	12.80	19.35	19.40
10	1.75	14.10	24.70	29.15	34.30	16.90	19.70	8.65	1.80	13.25	19.50	18.35
11	1.90	16.35	24.10	29.75	34.25	16.60	19.05	8.15	1.80	13.90	19.55	17.50
12	2.45	20.90	23.60	30.35	34.05	16.40	17.85	7.55	1.90	14.25	19.60	16.65
13	3.05	24.95	23.30	30.95	33.65	16.45	16.50	7.00	1.95	14.40	20.05	16.05
14	4.55	29.25	23.20	31.70	32.85	16.90	15.50	6.55	2.00	14.50	20.65	15.50
15	6.95	30.60	23.30	32.40	31.85	17.70	14.50	6.00	2.15	14.50	21.25	15.10
16	9.50	31.20	23.95	33.05	30.85	18.60	13.80	5.60	2.35	14.50	21.85	15.05
17	11.05	31.55	25.15	33.55	29.80	19.50	13.65	5.20	2.50	14.40	22.70	15.15
18	12.00	31.75	25.85	34.00	28.60	20.40	13.95	4.90	2.65	14.15	23.50	15.80
19	12.75	32.05	26.50	34.35	27.50	21.60	14.40	4.60	2.90	14.00	24.45	16.95
20	13.55	32.40	27.45	34.55	26.45	22.70	14.75	4.50	3.35	13.90	25.15	18.80
21	14.85	32.80	28.70	34.85	25.45	23.90	14.95	4.40	3.85	14.10	26.15	20.70
22	16.75	33.10	29.75	35.05	24.60	24.75	15.15	4.40	4.25	14.70	27.00	22 85
23	19.35	33.45	30.55	35.15	23.95	25.10	15.45	4.25	4.30	15.65	27.40	24.55
24	21.75	33.75	31.10	35.20	23.35	24.90	15.65	4.05	4.30	16.50	27.65	25.85
25	23.70	33.85	31.35	35.15	23.30	24.35	15.70	3.90	4.35	17.05	27.70	27.15
26	24.85	33.95	31.55	35.05	22.40	23.75	15.65	3.75	4.60	17.40	27.55	28.60
27	25.75	34.10	31.60	34.95	22.15	23.00	15.55	3.55	5.40	17.80	27.50	29.85
28	26.20	34.00	31.70	34.85	21.95	22.35	15.30	3.45	6.15	18.05	27.50	30.80
29	26.40		31.65	34.65	21.70	21.75	14.80	3.25	6.60	18.20	27.60	31.55
30	26.15		31.40	34.45	21.20	21.30	14.05	3.05	6.70	18.15	27.60	31.95
31	25.45		31.00		20.40		13.05	2.85		17.95		32.10

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	32 10	36.40	37.40	33.90	26.05	31.95	29.75	15.55	8.40	6.90	5.62	7.00
2	32.05	36 40	37.25	33.90	26.25	32.50	29.65	15.10	8.40	6.62	5.72	7.00
3	31.95	36.40	37.10	33.80	26.40	32.80	29.75	14 78	8.40	6.32	5.82	7.00
4	31.85	36.40	37.00	33.65	26.50	33.20	30 10	14.42	8.40	6.15	5.92	7.00
5	31.75	36.40	36.90	33.45	26.50	33.45	30.52	14.15	8.48	6.15	5.98	7.00
6	31.55	36.30	36.80	32.95	26.40	33.65	31.02	14 35	8.58	6.15	6.08	7.15
7	31.35	36.30	36.70	32.00	26.10	33.70	31.47	15 20	8.75	6.15	6.10	7.35
8	31.15	36.25	36.60	30.75	25.80	33.80	31.90	16.30	8.95	6.12	6.00	7.55
9	30.90	36.30	36.50	29.65	25.70	33.80	32.15	17.05	9 15	6.02	6.02	7.70
10	30.65	36.20	36.40	29.30	27.20	33.72	32.25	17.05	9.35	6.00	6.06	7.15
11	30.60	36.05	36.30	29.30	29.35	33.62	32.22	16.90	9.35	5.95	6.65	6.70
12	30.75	35.95	36.30	29.20	30.85	33.30	32.00	16.60	9.15	5.95	6.95	6.30
13	31.15	35.85	36.25	29.10	32.05	32.85	31.50	16.40	8.95	5.88	6.98	5.90
14	31.75	35.75	36.20	28.95	32.95	32.05	30.70	16.12	8.62	5.82	7.28	5.35
15	32.45	35.55	36.20	28.75	33.40	30.85	28.80	15.70	8.32	5.65	7.55	4.90
16	33.05	35.60	36.20	28.70	33.65	29.50	27.92	15.28	8.02	5.45	7.70	4.50
17	33.50	35.60	36.20	28.85	33.75	28.35	27.10	14.82	7.80	5.25	7.78	4.10
18	33.90	35.60	36.10	29.10	33.80	27 70	26.38	14.42	9.15	5.12	7.88	3.85
19	34.25	35.70	36.10	29.10	33.80	27.80	25.60	14.18	10.62	4.95	7.95	3.68
20	34.55	35.80	36.00	29.15	33.85	28.78	24.82	13.88	11.65	4.80	7.98	3.65
21	34.85	35.90	35.90	27.95	33.90	29.95	24.15	13.60	12.65	4.80	7.98	3.90
22	35.15	36.05	35.75	27.10	34.00	30.72	23.55	13.15	12.85	4.85	7.92	4 30
23	35.45	36.30	35.55	26.25	34.10	31.12	22.98	12.58	12.50	5.05	7.82	4.80
24	35.75	36.70	35.35	25.25	34.10	31.42	22.45	11.80	11.70	5.22	7.65	5.45
25	35.95	37.00	35.00	24.50	34.05	31.65	21.80	11.05	10.90	5.32	7.30	6.20
26	36.10	37.25	34.75	24.45	33.80	31.70	20.85	10.38	10.10	5.35	6.95	7.15
27	36.20	37.35	34.55	24.80	33.40	31.60	19.78	9.78	9.28	5.35	6.80	8.65
28	36.30	37.50	34.25	25.20	32.85	31 30	18.70	9.30	8.60	5.35	6.70	9.85
29	36.30		34.10	25.55	32.10	30.75	17.60	8.90	7.95	5.35	6.80	10.70
30	36.30		33.95	25.85	31.50	30.15	16 85	8.50	7.38	5.52	6.95	11.45
31	36.30		33.90		31.50		16.18	8.40		5.55		11.90

Mississippi River.—Cottonwood Point, Mo., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	12.00	24.15	37.78	19.45	33.85	27.30	32.68	15.70	7.25	1.00	6.98	22.50
2	11.95	23.95	37.68	21.00	33.78	27.48	32.55	15.40	6.80	1.02	8.30	22.40
3	11.75	23.75	37.58	23.00	33.68	27.55	32.35	15.45	6.40	1.12	10.20	22.00
4	11.50	23.75	37.48	25.00	33.55	27.45	31.85	15.80	6.00	1.25	12.15	21.25
5	11.00	23.80	37.30	26.88	33.35	27.25	31.25	17.30	5.75	1.48	13.65	20.70
6	10.45	23.65	37.15	28.40	32.85	26.90	30.45	17.50	5.55	1.77	14.35	20.30
7	9.85	23.50	36.95	30.00	31.95	26.50	29.35	17.20	5.35	2.05	14.50	19.90
8	9.25	23.95	36.68	31.45	30.60	26.10	27.85	16.80	5.10	2.25	14.30	19.30
9	8.55	25.35	36.40	32.50	28.85	26.05	26.45	16.45	4.85	2.50	13.90	19.35
10	7.95	26.85	36.03	32.93	27.05	26.50	25.10	16.25	4.65	2.90	13.65	18.25
11	7.75	28.30	35.70	33.40	25.25	27.58	23.85	15.80	4.45	3.30	14.30	16.75
12	8.00	29.85	35.20	33.80	23.65	28.30	22.55	15.40	4.18	3.65	14.70	14.80
13	8.25	31.20	34.35	34.18	22.38	28.40	21.65	14.98	3.95	3.85	15.30	13.30
14	8.30	32.25	33.25	34.38	21.35	29.23	20.70	14.45	3.78	3.90	15.45	12.40
15	8.45	33.10	31.90	34.55	20.63	29.83	20.40	13.85	3.45	3.95	15.65	11.90
16	8.65	33.90	30.30	34.70	20.00	30.35	20.40	13.25	3.25	4.15	15.90	11.50
17	8.70	34.65	28.65	34.80	19.75	30.95	20.65	12.65	3.05	4.35	16.50	11.10
18	8.70	35.20	27.10	34.75	19.55	31.55	21.25	12.05	2.85	4.62	16.65	10.70
19	8.85	35.88	25.70	34.70	19.40	31.85	21.85	11.65	2.65	5.00	16.30	10.30
20	10.25	36.55	24.48	34.60	19.85	32.03	22.38	11.53	2.40	5.40	15.70	9.90
21	11.25	37.00	23.20	34.40	21.50	32.18	22.68	11.43	2.15	5.80	14.80	9.50
22	12.20	37.35	22.05	33.75	23.10	32.35	22.73	11.35	1.95	5.85	14.30	9.10
23	12.98	37.53	21.20	33.15	24.05	32.48	22.50	10.70	1.75	6.10	14.40	8.75
24	14.15	37.63	20.70	33.05	24.60	32.53	21.95	10.10	1.55	6.35	15.45	8.60
25	15.40	37.73	20.15	33.28	25.00	32.63	21.15	9.70	1.42	6.48	15.90	8.90
26	17.35	37.75	19.75	33.55	25.40	32.73	20.05	9.30	1.40	6.45	17.05	10.55
27	19.50	37.80	19.55	33.73	25.80	32.78	18.75	9.05	1.38	6.25	19.25	13.65
28	21.10	37.85	19.50	33.83	26.20	32.80	17.75	9.00	1.28	5.95	20.80	18.60
29	22.55		19.55	33.85	26.45	32.80	17.05	8.85	1.18	5.75	21.80	22.55
30	23.55		19.75	33.85	26.63	32.73	16.50	8.45	1.08	5.78	22.35	24.75
31	24.10		19.95		26.90		16.10	7.85		6.40		26.15

Mississippi River.—Cottonwood Point, Mo., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	27.15	19.80	37.13	36.35	30.68	16.90	18.82	12.80	6.00	9.92	11.45	6.98
2	27.90	19.90	36.95	36.32	30.60	16.68	18.65	13.35	6.40	12.08	11.25	6.85
3	28.30	20.60	36.75	36.25	30.45	16.58	18.45	13.85	6.88	13.58	11.05	6.52
4	28.50	22.80	36.55	36.18	30.10	16.45	18.42	14.30	7.30	14.75	10.70	6.05
5	28.35	25.20	36.35	36.08	29.90	16.29	18.48	14.50	7.68	15.42	10.22	5.35
6	27.90	27.70	36.13	35.98	29.98	16.31	18.52	14.35	7.90	15.40	9.72	4.75
7	27.25	30.20	35.75	35.78	30.30	16.68	18.42	14.15	7.85	15.10	9.18	4.12
8	26.25	32.05	35.23	35.50	30.70	17.50	18.30	14.00	7.50	14.55	8.68	3.58
9	25.20	33.15	34.45	35.22	31.10	17.95	18.35	13.90	7.05	13.98	8.28	3.10
10	24.15	33.78	33.70	34.85	31.42	18.40	18.42	13.45	6.45	13.52	7.90	2.75
11	23.05	34.30	32.30	34.45	31.45	18.85	18.50	12.65	5.88	13.15	7.48	2.75
12	21.85	34.70	31.30	34.12	31.25	19.48	18.45	12.00	5.38	12.80	7.10	3.32
13	20.75	35.20	31.00	33.80	30.82	20.18	18.25	11.35	4.95	12.72	6.68	4.48
14	19.55	35.70	31.20	33.38	30.38	20.85	18.02	10.95	4.75	13.00	6.35	5.95
15	18.60	36.08	31.75	32.95	29.82	21.35	17.70	10.52	4.55	13.35	6.05	6.92
16	17.90	36.35	32.35	32.50	29.05	21.45	17.30	9.85	4.40	13.60	5.85	8.10
17	17.85	36.55	32.95	32.20	28.10	21.48	16.90	9.28	4.30	13.70	5.70	9.20
18	18.10	36.75	33.40	32.00	27.00	21.58	16.60	8.78	4.30	13.70	5.65	10.05
19	18.92	36.95	33.78	32.00	25.90	21.68	16.90	8.28	4.25	13.55	5.65	10.65
20	19.78	37.13	34.08	31.98	24.80	21.65	17.60	7.68	4.18	13.32	5.58	10.85
21	20.55	37.23	34.40	31.88	23.85	21.45	17.40	7.30	4.10	13.00	5.42	10.82
22	21.15	37.33	34.72	31.78	23.38	21.10	15.95	6.95	3.95	12.60	5.28	10.38
23	21.70	37.43	35.08	31.65	22.75	20.80	15.02	6.75	3.82	12.22	5.15	9.65
24	21.95	37.45	35.40	31.52	22.10	20.62	14.30	6.70	3.78	11.90	4.95	8.68
25	21.90	37.45	35.72	31.42	21.35	20.48	13.80	6.62	3.78	11.52	4.78	7.85
26	21.42	37.45	35.92	31.35	20.75	20.20	12.90	6.50	3.92	11.30	4.78	7.80
27	20.90	37.43	36.00	31.25	20.15	19.82	12.10	6.20	4.25	11.45	5.02	7.80
28	20.60	37.33	36.05	31.05	19.55	19.52	11.80	5.85	4.58	11.75	5.90	8.65
29	20.22	37.23	36.08	30.92	18.95	19.22	11.55	5.62	5.85	11.85	6.75	10.75
30	19.85		36.18	30.78	18.35	18.95	11.70	5.60	7.70	11.82	6.92	13.70
31	19.40		36.28		17.60		12.10	5.65		11.65		16.05

Mississippi River.—New Madrid, Mo., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.85
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.10
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.45
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.65
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.85
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.30
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.00	10.10
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.10
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.07	12.25
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	-- 0.12	13.25
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.17	14.35
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.17	16.00
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.17	18.00
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	— 0.10	20.20
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.00	21.75
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.10	22.65
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.50	22.80
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.00	22.80
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.40	22.75
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.05	22.35
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.95	21.45
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.60	20.30
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.65	18.85
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.40	18 15
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.95	19.50
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.30	21.15
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.65	23.35
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.10	25.65
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.10	27.40
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.60	28.25
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		28.85

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	29.30	18.90	31.65	30.20	26.30	14.25	18.60	10 95	6.25	3.80	2.60	2.45
2	29.30	18.65	31.30	29.20	27.75	15.20	18.45	10.40	6.70	3.80	3.20	3.60
3	28.90	17.65	30.85	28.35	28.55	15.75	18.75	10.25	6.90	3.85	4.15	6.20
4	28.20	17.40	30.40	27.20	29.00	16.55	19.40	10.40	6.75	4 15	4.50	8.85
5	27.40	16.60	30.15	26.20	29.35	16.95	20.00	10.00	6.90	4.45	4.40	11.15
6	26.70	15.80	29.95	25.75	29.50	17.05	21.20	9.15	7.40	4.70	4.30	12.70
7	26.30	15.05	29.90	25.85	29.35	17.05	22.55	8.25	7.65	4.92	4.50	13.75
8	25.70	14.50	30.20	26.00	29.05	17.35	23.55	7.80	7.85	4.97	4.90	16.30
9	25.60	14.10	30.55	26.10	28.35	17.40	23.80	7.60	7.55	4.87	5.50	18.30
10	27.40	13.50	30.65	26.20	27.25	16.85	23.75	7.45	8.25	4.80	6.35	19.75
11	29.20	12.75	30.85	26.25	25.60	16.25	23.40	7.25	8.45	4.65	7.65	19.40
12	30.60	12.60	31.30	26.30	23.75	15.65	22.80	7.10	8.95	4.35	9.05	19.10
13	31.35	13.65	31.70	26.35	22.20	15.75	21.95	7.70	8.95	4.15	10.00	18.15
14	32.05	18.90	32.20	26.00	21.00	15.90	20.90	7.70	8.60	4.00	10.45	17.75
15	32.60	21.35	32.60	25.20	19.95	15.50	19.80	6.90	7.65	4.10	10.55	17.20
16	32.80	24.10	33.00	24.50	18.95	15.10	19.00	6.80	7.35	4.10	10.20	14.90
17	32.75	25.55	33.40	22.85	17.95	14.65	18.00	6.70	6.65	4 00	9.75	12.60
18	32.55	27.20	33.65	22.90	17.00	13.95	17.20	6.70	6.15	3.90	9.15	9.85
19	32.20	28 45	33.85	23.40	16.15	13.50	16.50	6.50	5.70	3.80	8.55	7.95
20	31.65	29.45	34.05	23.85	15.15	13.80	15.85	5.55	5.30	3.75	7.65	6.35
21	30.90	30.45	34.25	24.50	14.30	14.70	15.30	5.50	5.15	3.70	7.40	5.30
22	29.85	31.40	34.45	25.10	13.45	15.05	14.90	5.60	4.95	3.70	6.85	4.20
23	27.80	32.20	34.60	25.30	13.75	15.55	14.65	5.20	4.70	3.70	6.40	4.25
24	26.45	32.95	34.70	25.15	13.55	16.55	14.45	4.80	4.45	3.65	5.65	3.65
25	25.10	33.25	34.65	24.80	13.35	17.40	14.25	4.40	4.15	3.30	4.95	3.35
26	23.80	33.25	34.45	24.35	13.10	18.10	14.05	4.10	3.95	3.05	4.25	3.55
27	22.60	32.90	34.20	23.75	12.70	18.75	13.70	4.10	3.80	2.85	3.55	3.75
28	21.70	32.40	33.80	23.20	12.35	19.20	13.15	4.50	3.80	2.65	2.85	2.95
29	20.90	31.90	33.20	23.55	12.20	19.40	12.60	4.90	3.77	2.45	2.25	2.25
30	20.25		32.40	24.65	12.45	19.15	12.15	5.40	3.77	2.40	2.20	2.65
31	19.60		31.40		13.25		11.55	5.80		2.35		2.85

Mississippi River.—New Madrid, Mo., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	2.90	17.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	14.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	13.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	1.25	12.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	1.05	12.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	0.10	11.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	0.10	12.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	0.00	13.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	0.00	16.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	0.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	0.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	0.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	1.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	3.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	4.85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	6.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	7.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	7.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	8.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	8.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	10.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	12.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	15.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	17.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	18.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	19.85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	20.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	20.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	20.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	19.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	18.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Mississippi River.—New Madrid, Mo., 1882.

Day	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.50	6.02	6.90
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.12	6.09	6.92
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.92	6.04	6.90
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.86	5.92	6.82
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.98	5.95	6.84
6	.....	.....	.....	.....	.....	.....	.....	.....	9.32	6.12	5.95	6.92
7	.....	.....	.....	.....	.....	.....	.....	.....	9.53	5.96	6.00	7.11
8	.....	.....	.....	.....	.....	.....	.....	.....	9.78	5.89	6.00	7.20
9	.....	.....	.....	.....	.....	.....	.....	.....	10.05	5.84	6.15	7.11
10	.....	.....	.....	.....	.....	.....	.....	.....	10.10	5.80	6.48	6.76
11	.....	.....	.....	.....	.....	.....	.....	.....	9.95	5.80	6.69	6.46
12	.....	.....	.....	.....	.....	.....	.....	.....	9.70	5.80	6.85	6.16
13	.....	.....	.....	.....	.....	.....	.....	.....	9.48	5.78	7.10	5.80
14	.....	.....	.....	.....	.....	.....	.....	.....	9.12	5.55	7.45	5.20
15	.....	.....	.....	.....	.....	.....	.....	.....	8.82	5.35	7.50	4.82
16	.....	.....	.....	.....	.....	.....	.....	.....	8.57	5.15	7.45	4.52
17	.....	.....	.....	.....	.....	.....	.....	.....	8.70	5.02	7.60	4.22
18	.....	.....	.....	.....	.....	.....	.....	.....	9.60	4.91	7.71	3.95
19	.....	.....	.....	.....	.....	.....	.....	.....	10.60	4.79	7.60	3.71
20	.....	.....	.....	.....	.....	.....	.....	.....	11.75	4.68	7.60	3.80
21	.....	.....	.....	.....	.....	.....	.....	.....	12.35	4.68	7.40	4.30
22	.....	.....	.....	.....	.....	.....	.....	.....	12.15	4.84	7.21	5.10
23	.....	.....	.....	.....	.....	.....	.....	.....	11.22	5.04	7.08	5.75
24	.....	.....	.....	.....	.....	.....	.....	.....	10.45	5.19	6.98	6.30
25	.....	.....	.....	.....	.....	.....	.....	.....	9.45	5.32	6.95	7.20
26	.....	.....	.....	.....	.....	.....	.....	.....	8.85	5.38	6.90	8.15
27	.....	.....	.....	.....	.....	.....	.....	.....	8.20	5.42	6.90	9.15
28	.....	.....	.....	.....	.....	.....	.....	.....	7.55	5.36	6.86	10.15
29	.....	.....	.....	.....	.....	.....	.....	.....	7.10	5.40	6.84	10.80
30	.....	.....	.....	.....	.....	.....	.....	.....	6.75	5.70	6.90	11.38
31	.....	.....	.....	.....	.....	.....	.....	.....		5.98		11.45

Mississippi River.—New Madrid, Mo., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	11.30	.....	.....	.....	.....	.....	.....	15.10	7.01	1.72	8.30	21.38
2	11.25	.....	.....	.....	.....	.....	.....	14.90	6.60	1.78	9.75	21.52
4	11.03	.....	.....	.....	.....	.....	.....	15.18	6.21	1.85	10.95	21.21
3	10.59	.....	.....	.....	.....	.....	.....	16.05	5.92	2.15	12.12	20.80
5	10.15	.....	.....	.....	.....	.....	.....	16.17	5.75	2.42	13.11	20.35
6	9.78	.....	.....	.....	.....	.....	.....	16.47	5.55	2.62	13.92	19.72
7	9.15	.....	.....	.....	.....	.....	.....	16.27	5.35	3.04	14.36	19.07
8	8.26	.....	.....	.....	.....	.....	.....	15.68	5.15	3.35	14.28	18.02
9	7.35	.....	.....	.....	.....	.....	.....	15.33	5.25	3.58	13.91	16.92
10	7.45	.....	.....	.....	.....	.....	.....	15.05	4.94	4.05	13.87	16.02
11	7.70	.....	.....	.....	.....	.....	.....	14.72	4.68	4.42	14.72	14.87
12	8.01	.....	.....	.....	.....	.....	.....	14.35	4.48	4.70	15.41	13.75
13	8.25	.....	.....	.....	.....	.....	.....	13.79	4.25	4.82	15.51	12.75
14	8.30	.....	.....	.....	.....	.....	.....	13.14	4.00	4.82	15.52	10.85
15	8.30	.....	.....	.....	.....	.....	.....	12.50	3.76	4.92	15.57	10.30
16	8.30	.....	.....	.....	.....	.....	.....	11.95	3.54	5.21	15.90	10.00
17	8.30	.....	.....	.....	.....	.....	.....	11.52	3.32	5.50	16.32	10.00
18	8.73	.....	.....	.....	.....	.....	.....	11.13	3.12	5.70	16.25	9.85
19	9.45	.....	.....	.....	.....	.....	.....	10.87	2.99	6.04	15.58	9.65
20	10.70	.....	.....	.....	.....	.....	.....	10.80	2.86	6.31	14.67	9.22
21	11.55	.....	.....	.....	.....	.....	.....	10.74	2.72	6.40	13.82	8.75
22	11.86	.....	.....	.....	.....	.....	.....	10.38	2.62	6.40	13.62	8.40
23	12.60	.....	.....	.....	.....	.....	.....	9.83	2.45	6.54	14.57	8.25
24	14.03	.....	.....	.....	.....	.....	.....	9.36	2.32	6.98	15.27	8.40
25	15.84	.....	.....	.....	.....	.....	.....	9.00	2 28	7.25	15.96	9.40
26	17.96	.....	.....	.....	.....	.....	.....	8.78	2.24	7.21	17.77	11.55
27	19.65	.....	.....	.....	.....	.....	.....	8.68	2.21	6.76	19.72	15.55
28	21.53	.....	.....	.....	.....	.....	.....	8.55	2.14	6.48	21.07	19.30
29	23.15	.....	.....	.....	.....	.....	.....	8.25	1.82	6.50	21.68	21.80
30	23.45	.....	.....	.....	.....	.....	.....	7.92	1.76	6.95	21.75	23.75
31	23.55	.....	.....	.....	.....	.....	.....	7.51		7.65		25.62

Mississippi River.—New Madrid, Mo., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	27.14	19.00	40.21	37.98	29.06	15.75?	17.84	12.90	7.23	11.80	11.34	7.85
2	27.75	19.62	39.54	37.70	28.91	15.54?	17.85	13.25	7.66	12.85	11.17	7.60
3	28.06	20.89	38.71	37.30	28.73	15.36?	17.82	13.45	8.01	13.75	10.90	7.25
4	28.18	22.80	37.80	36.90	28.38	15.16?	17.68	13.65	8.44	14.30	10.50	6.75
5	27.52	25.12	36.89	36.45	28.26	14.90?	17.62	13.68	8.74	14.60	10.10	6.13
6	27.08	27.70	35.95	35.88	28.32	15.05?	17.46	13.46	8.74	14.70	9.69	5.60
7	26.40	30.45	34.78	35.32	29.23	16.23?	17.36	13.44	8.54	14.35	9.24	4.89
8	25.25	32.12	33.30	34.72	29.59	16.95	17.26	13.44	8.10	13.90	8.86	4.46
9	24.22	33.08	31.59	34.15	30.24	17.39	17.22	13.12	7.63	13.40	8.52	4.10
10	23.15	33.78	29.68	33.52	30.42	17.48	17.28	12.55	7.08	13.05	8.26	3.95
11	22.16	34.39	28.43	32.90	30.12	17.31	17.36	11.98	6.53	12.85	7.92	4.29
12	21.10	35.00	28.08	32.48	29.64	18.23	17.28	11.50	6.06	12.60	7.61	5.10
13	20.10	36.06	28.44	31.89	29.13	19.61	17.02	11.02	5.86	12.60	7.33	6.25
14	19.05	37.05	29.25	31.45	28.58	20.09	16.73	10.54	5.74	12.75	7.08	7.25
15	18.20	37.83	30.20	30.95	27.71	20.25	16.45	10.04	5.53	13.12	6.80	8.25
16	17.38	38.58	31.08	30.48	26.58	20.29	16.17	9.54	5.40	13.32	6.68	9.25
17	17.17	39.30	31.92	30.18	25.51	20.26	16.01	9.04	5.45	13.48	6.60	10.10
18	17.59	39.89	32.69	30.20	24.55	20.31	16.01	8.68	5.54	13.50	6.62	10.58
19	18.30	40.35	33.29	30.29	23.61	20.32	16.05	8.16	5.56	13.15	6.60	10.78
20	19.35	40.75	33.76	30.34	22.76	20.21	16.01	7.80	5.41	12.90	6.56	10.79
21	20.15	41.02	34.31	30.06	22.20	19.98	15.90	7.55	5.29	12.55	6.44	10.55
22	21.00	41.29	34.87	29.80	21.52?	19.64	15.65	7.40	5.15	12.22	6.29	9.70
23	21.88	41.49	35.44	29.75	20.92?	19.44	15.45	7.40	4.98	11.95	6.18	9.15
24	22.20	41.50	35.99	29.65	20.32?	19.32	15.07	7.36	4.92	11.70	6.08	8.55
25	21.72	41.49	36.54	29.42	19.72?	19.08	14.13	7.28	4.75	11.35	6.00	8.02
26	21.00	41.43	36.90	29.38	19.12?	18.79	13.20	7.11	4.55	11.20	6.12	7.88
27	20.40	41.34	37.04	29.42	18.32?	18.43	12.40	7.01	4.80	11.58	6.70	8.55
28	19.85	41.12	37.20	29.41	17.40?	18.20	12.15	6.92	6.32	11.86	7.52	10.20
29	19.39	40.77	37.43	29.36	16.87?	18.05	12.10	6.98	8.10	11.90	7.92	12.65
30	18.95		37.76	29.21	16.62?	17.85	12.15	7.04	10.65	11.74	8.00	14.90
31	18.82		37.99		16.20?		12.50	7.09		11.54		17.50

Mississippi River.—Columbus, Ky., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80.02
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79.11
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78.29
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77.57
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76.96
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76.45
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76.20
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76.09
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76.13
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76.86
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78.07
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79.50
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81.37
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83.51
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85.31
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	86.64
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87.77
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	89.20
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	90.86
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92.31
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93.17
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93.76
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94.02
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93.98

Mississippi River. Continued.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	93.78	100.06	102.36	96.14	87.42	94.18	90.76	78.12	72.36	69.19	68.42	.....
2	93.55	100.06	102.07	96.09	87.61	94.95	91.06	77.73	72.57	68.84	68.57	.....
3	93.28	100.04	101.88	95.87	87.67	95.51	91.21	77.52	72.72	68.70	68.71	.....
4	93.18	100.08	101.68	95.34	87.70	95.99	91.87	77.23	72.84	68.83	68.81	.....
5	92.96	99.99	101.43	94.38	87.50	96.24	92.48	77.30	72.98	68.92	68.81	.....
6	92.78	99.84	101.13	92.95	87.23	96.37	93.08	78.06	73.12	68.89	68.81	.....
7	92.48	99.77	100.84	91.09	86.72	96.33	93.63	79.01	73.39	68.81	68.72	.....
8	92.17	99.54	100.54	89.64	86.34	96.32	93.98	79.58	73.69	68.69	68.74	.....
9	91.86	99.34	100.41	89.40	87.23	96.10	94.03	79.69	73.85	68.62	69.04	.....
10	91.76	99.05	100.24	89.80	90.28	95.70	93.81	79.45	73.76	68.64	69.56	.....
11	92.05	98.70	100.05	89.92	92.31	95.02	93.49	79.21	73.58	68.63	69.74	.....
12	92.51	98.34	100.11	89.93	94.11	94.28	92.88	79.00	73.30	68.52	69.86	.....
13	93.34	98.13	100.21	89.66	95.46	93.24	92.00	78.74	72.97	68.43	70.39	.....
14	94.43	98.03	100.34	89.41	96.11	91.69	90.78	78.39	72.60	68.22	70.66	.....
15	95.45	97.84	100.36	89.39	96.16	90.06	89.73	77.98	72.27	67.96	70.48	.....
16	96.24	97.99	100.24	89.62	96.15	88.84	89.20	77.62	72.04	67.71	70.57	.....
17	96.90	98.48	100.07	89.94	96.14	88.07	88.17	77.37	72.58	67.61	70.81	.....
18	97.45	98.72	99.83	89.87	96.03	88.08	87.40	77.16	73.83	67.51	70.95	.....
19	97.91	98.88	99.60	89.30	96.12	89.46	86.67	76.91	74.86	67.34	70.84	.....
20	98.24	99.10	99.25	88.44	96.15	91.24	86.02	76.55	75.61	67.26	70.63	.....
21	98.62	100.01	98.82	87.55	96.40	92.43	85.46	76.22	75.83	67.36	70.33	.....
22	98.95	101.19	98.22	86.67	96.65	92.92	85.06	75.73	75.30	67.60	70.11	.....
23	99.26	101.99	97.48	85.87	96.67	93.25	84.66	75.23	74.47	67.92	70.02	.....
24	99.46	102.39	96.79	85.33	96.40	93.45	83.96	74.68	73.65	68.02	69.88	.....
25	99.59	102.67	96.27	85.31	95.85	93.45	83.08	73.40	72.90	68.02	69.83	.....
26	99.78	102.79	95.94	85.72	95.01	93.25	81.96	73.58	72.14	67.96	.....	.....
27	99.87	102.69	95.88	86.17	93.92	92.77	80.96	73.10	71.34	67.96	.....	.....
28	100.02	102.62	95.76	86.61	92.97	92.09	80.07	72.82	70.55	68.06	.....	.....
29	100.01		95.81	86.97	92.27	91.38	79.39	72.59	69.95	68.21	.....	.....
30	100.01		95.94	87.18	92.37	90.77	78.82	72.36	69.63	68.25	.....	.....
31	100.07		96.06		93.24		78.38	72.35		68.32	.....	.....

Mississippi River.—Columbus, Ky., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	.....	.....	.....	.....	.....	.....	.....	76.78	69.08	62.68	71.08	83.72
2	.....	.....	.....	.....	.....	.....	.....	76.50	68.60	62.82	73.33	83.48
4	.....	.....	.....	.....	.....	.....	.....	77.27	68.35	62.98	75.10	83.12
3	.....	.....	.....	.....	.....	.....	.....	78.32	68.15	63.32	?74.80	82.75
5	.....	.....	.....	.....	.....	.....	.....	78.87	67.85	63.65	?75.65	82.15
6	.....	.....	.....	.....	.....	.....	.....	78.77	67.55	63.95	?76.80	81.60
7	.....	.....	.....	.....	.....	.....	.....	78.51	67.15	64.28	?77.25	81.02
8	.....	.....	.....	.....	.....	.....	.....	78.18	66.93	64.42	?77.30	79.88
9	.....	.....	.....	.....	.....	.....	.....	77.95	66.60	.....	?77.20	78.85
10	.....	.....	.....	.....	.....	.....	.....	77.65	66.33	65.50	?76.60	77.55
11	.....	.....	.....	.....	.....	.....	.....	77.35	66.03	65.92	77.25	76.05
12	.....	.....	.....	.....	.....	.....	.....	76.90	65.75	66.05	78.05	74.90
13	.....	.....	.....	.....	.....	.....	.....	76.45	65.39	66.02	78.25	74.42
14	.....	.....	.....	.....	.....	.....	.....	75.78	65.15	66.00	77.80	73.95
15	.....	.....	.....	.....	.....	.....	.....	75.30	64.85	66.34	77.85	73.75
16	.....	.....	.....	.....	.....	.....	.....	74.85	64.65	66.75	78.40	73.30
17	.....	.....	.....	.....	.....	.....	.....	74.35	64.45	67.12	78.66	72.95
18	.....	.....	.....	.....	.....	.....	.....	74.10	64.15	67.56	78.22	72.60
19	.....	.....	.....	.....	.....	.....	.....	73.88	63.95	67.92	77.40	72.20
20	.....	.....	.....	.....	.....	.....	.....	73.68	63.80	68.12	76.60	71.87
21	.....	.....	.....	.....	.....	.....	.....	73.45	63.68	67.78	75.87	71.25
22	.....	.....	.....	.....	.....	.....	.....	72.95	63.45	67.92	76.25	70.85
23	.....	.....	.....	.....	.....	.....	.....	72.25	63.25	68.45	77.58	70.85
24	.....	.....	.....	.....	.....	.....	.....	71.83	63.08	68 80	77.90	71.40
25	.....	.....	.....	.....	.....	.....	.....	71.48	62.92	68.75	78.99	73.30
26	.....	.....	.....	.....	.....	.....	.....	71.40	62.82	68.39	80.78	76.15
27	.....	.....	.....	.....	.....	.....	.....	71.35	62.80	68.08	82 20	80.40
28	.....	.....	.....	.....	.....	.....	.....	71.10	62.76	67.90	83.25	84.00
29	.....	.....	.....	.....	.....	.....	.....	70.68	62.68	68.05	83.68	86.25
30	.....	.....	.....	.....	.....	.....	.....	70.15	62.60	69.09	83.80	87.68
31	.....	.....	.....	.....	.....	.....	.....	69.40		69.45		88.68

Mississippi River.—Columbus, Ky., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	89.75?	81.28?	102.30?	101.18?	92.75?	78.60	80.10	75.82	68.80	74.62	73.32	69.30
2	90.60?	81.80?	101.65?	100.90?	92.58?	78.45	79.90	75 94	69.22	75.75	73.22	68.95
3	90.95?	84.25?	101.05?	100.65?	92.20?	78.33	79.95	76.30	69.70	76.65	72.90	68.36
4	90.75?	86.72?	100.30?	100.28?	91.68?	78.20	79.98	76.48	70.20	77.35	72.45	67.60
5	89.75?	88.85?	99.40?	99.90?	91.90?	78.20	79.88	76.34	70.32	77.18	71.90	66.90?
6	89.20?	92.35?	98.30?	99.30?	91.95	78.58	79.86	75.98	70.25	76.75	71.40	66.25?
7	87.95?	95.25?	97.00?	98.50?	92.40	79.55	79.78	75.92	69.80	76.38	70.90	65.75?
8	86.30?	97.08?	95.45?	97.75?	93.20	79.75	79.76	75.85	69.20	75.90	70.50	65.25?
9	84.00?	98.15?	93.[illegible]0?	96.98?	93.50	80.03	79.92	75.49	68.52	75.50	70.10	64.88?
10	82.85?	98.95?	92.50?	96.40?	93.38	80.49	80.08	74.60	67.85	75.10	69.70	64.85?
11	80.75?	99.63?	91.85?	96.00?	93.02	80.90	79.98	74.05	67.35	74.70	69.30	65.65?
12	79.70?	100.10?	92.03?	95.60?	92.42	81.50	79.75	73.52	67.00	74.65	68.95	67.15
13	79.10?	100.70?	92.75?	95.10?	91.88	82.25	79.45	73.08	66.76?	74.98	68.60	68.68
14	79.65?	101.15?	93.85?	94.65?	91.18	82.68	79.10	72.60	66.58?	75.35	68·35	69.56
15	79.85?	101.63?	94.95?	94.08?	90.25	82.83	78.75	72.12	66.35?	75.62	68.15	70.78
16	79.90?	102.13?	95.98?	93.80?	89.28	82.88	78.52	71.52	66.35?	75.68	68.00	71.90
17	80.05?	102.58?	96.90?	93.95?	88.10	82.95	78.22	71.00	66.51?	75.66	68.00	72.60
18	80.80?	102.95?	97.65?	94.15?	86.90	83.13	78.45	70.50	66.42?	75.50	67.98	73.10
19	81.82?	103.10?	98.30?	94.35?	85.90	83.18	79.32	70.00	66.17?	75.20	67.88	73.28
20	82.35?	103.45?	98.95?	94.10?	85.14	82.88	79.25	69.50	66.04?	74.85	67.75	73.30
21	82.80?	103.65?	99.58?	93.72?	84.50	82.50	78.55	69.15	65.99?	74.69	67.55	72.80
22	83.22?	103.75?	99.95?	93.75?	84.05	82.12	77.63	68.92	65.85?	74.22	67.35	71.88
23	83.80?	103.80?	100.35?	93.81?	83.40	81.95	76.68	68.90	65.70?	73.95	67.22	70.78
24	83.35?	103.80?	100.52?	93.65?	82.70	81.58	75.68	68.90	65.85?	73.62	67.12	70.15
25	82.90?	103.73?	100.65?	93.52?	82.02	81.20	74.84	68.60	66.15?	73.32	67.10	69.92
26	82.25?	103.63?	100.72?	93.38?	81.28	80.88	74.25	68.18	66.40?	73.40	67.50	69.50
27	82.35?	103.45?	100.90?	93.28?	80.70	80.62	73.94	67.85	66.88?	73.80	68.62	70.22
28	81.85?	103.15?	101.12?	93.18?	80.10	80.60	73.85	67.70	68.30	73.98	69.40	72.62
29	81.25?	102.68?	101.30?	93.08?	79.58	80.58	73.70	67.70	70.35	73.95	69.52	75.58
30	80.70?		101.42?	92.95?	79.10	80.35	75.05	67.80	72.65	73.75	69.48	77.40
31	81.22?		101.35?		78.82		75.62	68.28		73·55		80.15

Ohio River.—Cairo, Ill., 1871.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.75	5.80
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.78	5.40
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.80	4.90
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.90	4.00
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.50	3.70
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.38	3.15
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.65	2.45
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.94	1.85
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.28	1.80
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.50	1.80
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.65	2.00
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.55	2.15
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.50	2.20
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.58	2.30
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.35	2.20
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.70	2.20
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.75	2.12
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.65	1.90
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.60	1.80
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.68	1.80
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.80	1.78
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.20	1.76
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.30	0.75
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.60	—0 80
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.00	—0.75
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.38	5.00	0.00
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.25	4.50	0.00
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	4.80	0.20
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.00	5.10	1.50
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.90	5.80	3.20
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.80		4.40

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	5.60	8.30	15.00	14.75	26.35	21.25	16.95	21.65	9.70	5.60	2.25	2 20
2	6.45	7.42	14.92	15.00	24.40	20.20	16 65	21.55	9.10	5.40	2.20	1.70
3	6.50	7.25	14.60	17.08	22.50	19.40	16.73	20.98	8.75	5.16	2.20	1.50
4	7.60	7.50	14.21	18.50	21.10	19.20	16.95	20.12	8.10	5.16	2.30	1.35
5	9.90	7.65	14.08	18.95	20.88	19.55	17.02	19.12	7.88	4.92	2.45	1.05
6	12.15	7.48	13.75	19.30	20.78	19.80	17.20	18.15	7.68	4.72	2.50	1.00
7	13.70	7.90	13.53	19.03	20.40	19.80	17.32	17.35	7.50	4.55	2.94	1.05
8	14.70	7.80	13.48	18.98	19.80	20.20	17.20	16.45	7.30	4.40	4.25	1.15
9	15.10	6.37	13.39	21.02	19.00	20.85	16.85	15.52	7.08	4.26	5.80	1.12
10	15.10	5.10	13.34	24.75	18.00	21.55	16.40	14.40	6.80	4.14	6.75	1.35
11	15.11	4.35	13.30	29.42	16.90	22.40	15.75	13.30	6 60	4.00	6.85	1.90
12	15.22	4.72	13.68	33.64	16.10	23.15	15.12	12.41	6.35	3.94	6.60	1.78
13	15.22	5.30	14.22	36.20	15.30	23.75	14.75	11.67	6.10	3.80	6.15	1.60
14	14.80	5.85	14.67	37.70	15.00	24.40	14.60	11.08	5.85	3.63	5.70	1.35
15	14.15	6.45	15.20	38.28	16.30	24.70	14.40	10.60	5.74	3.50	5.30	1.20
16	13.08	6.78	15.88	38.60	18.47	24.40	14.12	10.40	5.65	3.30	5.20	1.30
17	12.05	6.90	16.30	38.95	19.30	24.08	14.30	10.25	5.43	3.20	5.40	1.50
18	10.88	7.35	16.92	39.15	19.80	23.80	17.70	10.20	5.15	3.10	5.90	2.05
19	9.95	8.15	17.50	39.20	20.45	23.65	18.95	10.35	4.90	3.02	6.40	2.30
20	9.00	9.10	17.55	39.20	20.65	23.20	19.10	10.58	4.75	3.02	6.40	2.20
21	8.25	10.30	17.35	39.15	20.88	22.80	18.60	10.60	4.70	3.13	6.30	1.80
22	7.72	11.15	17.07	38.80	22.00	22.20	18.25	10.70	4.65	3.20	5.75	1.30
23	7.04	12.26	16.85	38.05	23.08	21.60	18.15	10.72	4.57	3.10	5.20	2.20
24	6.59	13.67	16.61	37.00	23.35	21.00	18.55	10.45	4.57	2.90	4.80	7.45
25	6.08	14.52	16.18	36.05	23.30	20.44	19.35	10.20	4.53	2.90	4.00	10.10
26	5.72	15.27	15.48	35.00	23.23	19.75	20.30	10.10	4.60	2.55	3.85	11.40
27	5.40	15.38	14.85	33.88	23.15	19.00	21.09	10.25	4.60	2.45	3.50	12.20
28	4.92	15.35	14.39	32.40	23.40	18.55	21.68	10.60	5.00	2.40	3.05	12.60
29	4.50	15.22	14.10	30.67	23.50	18.15	21.97	10.80	5.40	2.40	2.60	12.80
30	5.60		13.90	28.55	23.00	17.55	21.88	10.80	5.75	2.40	2.60	12.61
31	7.80		14.10		22.20		21.60	10.20		2.36		11.98

Ohio River.—Cairo, Ill., 1873.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	10.65	20.45	41.05	32.00	26.70	32.97	25.25	17.64	8.15	2.75	6.60	14.11
2	9.50	18.45	40.20	33.35	28.40	32.65	25.20	17.25	8.05	2.70	9.16	15.55
3	9.00	16.45	38.80	34.30	29.90	31.50	25.13	16.80	7.88	2.80	10.50	16.80
4	8.55	15.45	37.30	34.95	31.65	30.10	24.97	16.25	7.68	2 80	11.48	18.05
5	8.60	15.00	35.80	35.70	32.35	28.90	24.95	15.48	7.50	2.80	12.40	18.85
6	9.00	14.50	33.35	35.70	32.50	27.70	25.04	14.75	7.38	2.74	12.70	19.18
7	11.25	14.25	31.50	35.77	32.50	27.12	25.30	14.25	7.30	2.70	12.80	20.55
8	13.35	14.75	29.50	36.30	32.71	26.66	26.00	13.65	7.38	2.95	12.52	21.60
9	15.40	15.50	27.55	38.50	33.10	26.15	27.10	13.20	7.50	3.00	11.95	24.05
10	16.00	18.97	25.30	40.08	33.36	25.65	27.70	12.95	7.55	3.04	11.15	25.25
11	17.25	21.50	23.35	40.55	33.75	25.78	28.00	12.65	7.25	2.96	10.40	26.18
12	18.40	24.60	21.50	40.60	34.40	26.00	28.30	12.34	6.80	2.78	9.55	26.85
13	19.25	27.60	20.00	40.43	35.33	26.04	28.78	12.04	6.45	2.70	9.00	27.70
14	19.40	29.40	19.50	40.00	36.60	26.00	29.06	11.78	6.30	2.62	8.10	29.00
15	18.88	30.67	19.80	39.70	37.73	26.22	28.82	11.58	5 95	2.60	7.40	30.12
16	18.10	32.30	20.40	39.35	37.45	26.65	28.08	11.30	5.50	2.60	6.80	32.00
17	17.30	33.97	20.75	39.00	38.75	26.85	27.10	10.93	5.25	2.60	6.20	33.20
18	16.30	34.90	21.10	38.70	38.48	26.85	25.92	10.52	5.00	2.85	5.70	33.48
19	17.10	36 90	21.70	38.20	37.38	26.94	24.70	10.12	4.60	2.90	5.40	33.30
20	18.10	38.70	22.30	37.50	35.96	26.95	23.55	9.80	4.35	2.90	5.55	32.95
21	17.88	39.43	23.40	36.60	34.00	26.95	22.48	9.40	4.04	3.13	5.90	32.68
22	17.45	40.10	24.19	35.75	31.96	26.80	21.70	9.00	3.74	3.25	6.30	32.45
23	17.18	40.65	24.78	34.85	29.85	26.52	20.96	8.78	3.50	3.50	6.80	32.10
24	17.76	41.08	25.08	33.88	28.22	26.00	20.28	8.25	3.40	3.60	7.20	31.50
25	19.60	41.37	25.26	32.80	26.72	25.30	19.95	8.00	3.25	3.42	8.30	30.55
26	21.60	41.55	25.80	31.60	25.75	24.76	19.60	7.85	3.10	3.27	9.90	29.50
27	22.70	41.50	26.75	30.20	26.38	24.30	19.45	7.75	2.95	3.05	12.10	28.25
28	23.00	41.40	27.75	29.10	28.15	24.20	19.18	7.79	2.95	2.90	13.15	25.75
29	23.00		29.20	28.00	30.38	24.45	19.02	7.90	3.00	3.11	13.42	23.20
30	22.95		30.20	27.00	32.27	24.85	18.52	8.15	2.90	3.33	13.43	20.86
31	20.95		31.00		33.00		18.02	8.22		4.54		19.00

Ohio River.—Cairo, Ill., 1874.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	17.40	32.90	41.00	39 35	45.95	14.63	13 72	10.48	5.30	7.67	4.28	12.10
2	15.85	32.95	40.92	38.40	45.50	14.40	13.30	10.85	6.50	7.90	4.04	11.45
3	14.70	32.80	40.84	37.47	45.25	13.90	12.85	11.30	10.00	7.61	3.70	10.90
4	13.70	32.30	40.76	36.78	45.10	13.40	12.68	11.62	12.05	7.25	3.57	10.88
5	12.80	31.41	40.70	35.80	44.95	12.80	12.70	12.10	13.55	6.87	3.45	11.20
6	12.50	30.48	41.10	34.65	44.95	12.30	12.68	12.80	13.80	6.58	3.20	11.47
7	11.90	29.28	41.95	33.50	44.96	11.80	12.60	12.95	13.13	6.35	3.10	11.40
8	12.40	27.70	42.50	33.35	44.98	11.35	12.52	12.79	11.85	6.30	3 08	11.20
9	14.48	26.10	43.18	34.65	44.82	11.00	12.[illegible]0	12.40	10.30	6.35	3.08	10.65
10	17.70	24.50	43.80	35.38	44.28	10.90	12.10	11.90	9.00	6.33	3.02	9.78
11	21.45	22.90	43.97	36.53	43.45	10.82	12.20	11.30	7.95	6.17	3.15	9.00
12	24.50	21.60	43.60	37.40	42.26	11.10	12.40	10.50	7.15	5.95	3.15	8.30
13	27.90	20.75	43.06	37.85	40.56	13.35	12.50	9.65	6.40	5.92	3.00	7.80
14	29.48	21.30	42.20	38.60	38.52	14.78	12.55	9.07	5.80	5.96	3.02	7.38
15	30.40	21.50	41.05	39.70	36.20	15.56	12 55	8.25	5.20	5.97	3.52	7.15
16	30.82	21.95	39.82	41.08	33.40	16.06	12.45	7.70	4.57	6.05	4.36	7.07
17	30.95	23.85	38.45	42.02	30.30	16.25	12.30	7.30	4.15	5.98	5.30	6.92
18	30.75	25.75	37.10	42.85	27.73	16.63	12.00	6.80	3.80	5.99	5.70	6.90
19	30.32	27.04	36.90	43.58	25.75	17.25	11.52	6.30	3.60	5.95	6.02	6.83
20	29.30	28.04	36.85	44.35	24.15	17.73	11.05	6.13	3.37	5.83	6.20	6.85
21	27.60	29.34	36.50	45.10	22.60	18.00	10.68	6.00	3.32	5.63	6.40	6.85
22	25.70	32.32	36.25	45.55	21.10	18.25	10.38	5.75	3.35	5.40	6.54	6.83
23	23.95	34.32	36.30	46.20	19.80	18.17	10.20	5.75	3.40	5.25	6.91	7.35
24	23.30	36.56	36.45	46.80	18.78	17.75	10.25	5.60	3.90	5.10	7.25	8.52
25	23.30	38.47	36.75	47.20	17.95	17.25	10.70	5.40	4.80	4.97	7.25	9.82
26	25.30	39.85	37.35	47.37	17.12	16.75	11.11	5.20	5.54	4.85	8.00	10.80
27	27.60	40.65	38.20	47.35	16.50	16.15	11.16	5.05	6.10	4.86	9.00	11.56
28	29.35	41.00	39.07	47.12	15.80	15.52	10.95	5.20	6.54	5.00	9.95	12.15
29	30.72		39.64	46.72	15.28	14.87	10.68	5.30	6.90	4.97	11.15	13.70
30	31.70		39.75	46.35	14.78	14.27	10.30	5.05	7.10	4.76	12.03	15.40
31	32.40		39.50		14.55		10.30	4 93		4.50		16.55

Ohio River.—Cairo, Ill., 1875.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	17.60	21.20	26.20	40.40	28.70	19.48	29.30	42.20	13.35	14.54	6.28	22.60
2	18.62	22.90	29.95	39.90	30.30	18.70	29.95	42.60	12.82	13.93	6.00	23.00
3	20.00	24.35	32.75	39.60	31.90	18.00	30.30	43.38	12.20	13.32	5.87	22.85
4	20.97	25.35	35.00	39.73	34.20	17.50	30.40	44.15	11.95	12.85	5.82	22.40
5	22.05	26.10	36.80	39.88	36.08	17.40	30.53	44.75	11.85	12.40	5.84	21.80
6	23.20	26.60	38.10	40.05	37.28	17.58	30.69	45.02	11.85	12.00	5.84	20.98
7	24.08	27.20	39.00	40.18	37.58	18.20	30.60	45.10	11.60	11.48	5.84	20.00
8	24.55	27.43	39.68	40.16	37.00	19.60	30.50	45.12	11.30	11.10	5.95	19.00
9	24.40	27.30	40.02	40.14	36.18	20.70	30.67	44.96	10.98	10.81	6.12	18.25
10	23.70	26.30	40.40	39.97	35.22	21.40	31.25	44.77	10.95	10.58	6.35	18.50
11	22.50	24.30	40.52	39.80	33.62	21.66	32.25	44.80	11.30	10.25	6.70	19.00
12	20.60	22.30	40.59	39.65	32.40	21.68	34.00	44.68	12.67	10.00	7.10	19.34
13	18.45	19.93	40.64	38.95	31.50	21.44	34.25	44.50	14.70	9.89	8.30	19.36
14	16.15	17.93	40.75	37.90	30.67	21.00	35.35	44.15	16.05	10.00	10.62	19.38
15	13.90	16.40	41.05	36.60	29.80	20.40	36.70	43.70	16.62	10.25	12.47	19.56
16	12.12	15.05	41.65	35.30	28.90	19.96	37.48	42.97	16.97	10.10	13.15	19.80
17	10.60	14.30	42.35	33.60	28.00	19.96	37.80	41.97	17.15	9.70	13.76	19.72
18	9.70	13.95	43.05	31.95	27.17	20.00	38.48	40.54	17.03	9.10	14.30	19.56
19	8.75	13.75	43.42	30.35	26.27	20.20	39.30	38.68	16.72	8.60	14.52	18.90
20	7.95	13.45	43.60	28.85	25.38	21.12	40.10	36.35	16.40	8.12	14.43	17.85
21	7.20	13.15	43.66	27.50	24.50	22.08	40.75	33.45	16.50	7.75	14.00	16.45
22	6.40	12.80	43.56	26.65	23.75	22.50	41.15	30.45	17.58	7.48	13.50	15.10
23	5.90	12.87	43.43	26.06	23.10	24.25	41.35	27.28	18.54	7.30	13.32	13.92
24	5.70	11.75	43.26	25.77	22.67	25.25	41.10	24.35	19.26	7.20	14.20	13.15
25	5.50	11.55	43.16	25.41	22.60	26.90	40.75	22.00	19.30	7.20	15.03	13.25
26	5.30	12.75	43.00	24.97	22.56	26.64	40.48	20.10	19.00	7.25	15.45	13.85
27	6.65	16.33	42.85	24.60	22.30	27.50	40.20	18.47	18.32	7.30	17.55	15.44
28	7.90	21.45	42.55	24.40	21.80	28.00	39.95	16.94	17.40	7.15	18.88	19.70
29	11.60		42.05	24.80	21.20	28.35	39.95	15.75	16.36	6.90	19.88	23.30
30	15.65		41.48	26.42	20.75	28.65	40.20	14.80	15.40	6.55	21.40	25.94
31	18.93		40.85		20.20		41.35	14.00		6.50		28.50

Ohio River.—Cairo, Ill., 1876.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	30.70	43.85	29.20	45.85	36.50	26.10	31.05	20.60	14.50	22.45	9.10	11.90
2	32.31	44.58	26.50	45.93	35.40	25.97	31.00	19.94	13.90	21.70	9.00	12.25
3	33.60	45.10	24.10	46.01	34.50	26.20	30.86	18.94	13.45	20.68	10.00	12.15
4	34.65	45.14	22.30	46.20	34.30	27.05	30.95	17.84	13.70	19.54	12.00	11.48
5	35.65	45.19	21.10	46.25	34.60	27.15	31.05	16.88	14.45	18.32	13.00	10.60
6	37.04	44.97	20.25	46.38	34.90	26.90	31.25	16.00	14.40	17.12	13.40	9.80
7	38.42	44.62	19.70	46.38	35.00	26.65	31.92	15.58	14.12	16.06	13.21	9.20
8	39.02	44.20	19.35	46.15	36.45	26.55	33.25	15.62	14.40	15.10	12 80	8.00
9	38.98	43.75	19.08	45.58	37.68	26.75	34.05	15.88	15.93	14.22	12.48	7.12
10	38.10	43.25	19.10	44.63	39.20	27.15	34.22	15 60	17.80	13.42	12.30	6.54
11	36.20	42.54	19.44	43.28	40.50	26.92	34.15	15.10	18.45	12.67	12.20	6.20
12	33.48	41.73	21.40	41.50	41.30	26.10	34.05	15.55	19.00	12.04	12.20	5.90
13	29.98	40.95	24.75	39.68	41.90	25.35	33.95	16.20	19.55	11.50	12.15	4.17
14	26.80	40.30	26.96	38.58	42.23	24.90	33.85	16.25	19.75	10.96	12.04	3.50
15	24.00	39.90	29.22	38.25	42.23	24.50	33.64	16.12	19.92	10.40	11.94	3.40
16	21.90	39.75	31.00	38.50	41.95	26.30	33.39	16.20	20.10	9.98	11.75	3.00
17	20.45	39.85	33.60	39.30	41.40	29.90	33.15	16.12	20.43	9.50	11.35	3.00
18	20.72	40.10	35.22	40.10	40.62	31.77	32.90	15.75	21.05	9.10	11.00	2.75
19	25.50	40.35	36.80	40.85	39.44	32.60	32.75	15.25	22.30	8.70	10.67	2.33
20	27.70	40.55	38.10	41.30	38.00	32.50	32.45	14.90	23.37	8.50	10.54	2.08
21	30.20	40.75	39.10	41.55	36.25	31.83	31.95	15.40	23.87	8.15	10.50	1.75
22	32.28	40.86	39.94	41.53	34.35	30.85	31.33	15.63	23.60	8.10	10.45	1.30
23	34.20	40.82	40.66	41.35	32.30	30.30	30.46	16.00	22.95	7.98	10.48	1.60
24	36.15	40.52	41.35	40.87	30.30	30.06	29.31	16.56	22.12	7.88	10.40	2.00
25	37.00	39.89	42.50	40.44	28.75	30.10	28.00	16.70	21.15	7.78	10.25	2.50
26	37.35	39.10	43.20	39.90	27.92	30.04	26.50	16.45	21.05	7.90	10.40	1.70
27	37.92	37.10	43.65	39.32	27.70	30.00	24.94	15.75	22.17	7.90	10.56	1.50
28	38.92	34.90	44.15	38.90	27.62	30.90	23.60	?16.94	23.15	8.20	10.92	1.20
29	41.10	32.20	44.70	38.30	27.33	31.30	22.65	15.17	23.32	8.92	11.17	1.10
30	42.30		45.15	37.50	26.89	31.10	21.56	15.20	23.10	9.40	11.54	1.10
31	43.00		45.57		26.45		20.84	14.90		9.42		0.10

Ohio River.—Cairo, Ill., 1877.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1.00	32.50	12.60	31.75	38.32	22.35	29.00	17.75	6.88	5.25	11.35	19.75
2	1.50	29.60	12.25	32.77	37.85	21.40	29.33	17.22	6.72	4.94	10.10	21.50
3	2.50	26.25	12.15	33.90	37.22	21.20	29.37	16.78	6.80	4.62	10.75	23.06
4	4.40	23.04	12.00	35.40	36.55	22.10	29.12	16.25	6.50	4.50	10.40	23.60
5	5.50	20.65	12.00	37.10	35.67	22.54	28.96	15.70	6.80	4.40	10.65	23.00
6	5.92	19.95	11.80	37.80	34.70	23.70	28.83	15.12	7.50	4.20	11.62	21.90
7	6.20	20.01	11.75	37.75	34.10	24.54	28.40	14.56	7.67	4.00	12.50	20.50
8	5.80	20.90	11.85	37.08	33.70	24.60	27.67	14.00	7.44	3.85	13.10	19.00
9	7.50	21.70	12.85	36.35	33.12	24.86	26.95	13.35	7.10	3.70	13.25	17.67
10	9.50	22.30	14.58	36.30	32.78	25.50	26.25	12.75	7.25	3.56	13.10	16.50
11	11.50	23.00	16.10	36.95	32.30	26.34	25.38	12.20	7.30	3.48	12.87	16.00
12	13.98	23.70	18.10	38.30	31.78	27.98	24.42	11.98	7.10	3.40	12.60	15.92
13	7.98	23.92	21.46	39.75	31.60	29.70	23.65	11.80	6.90	3.40	12.30	15.90
14	6.80	23.75	24.15	40.46	31.70	30.42	23.25	11.75	6.58	3.54	11.95	15.81
15	7.90	23.20	26.30	40.52	31.83	30.54	23.04	11.71	6 31	3.97	11.70	15.95
16	10.20	22.15	28.00	40.17	32.35	30.44	22.75	11.33	6.33	4.00	11.62	16.41
17	14.10	21.00	29.20	39.57	33.17	30.52	22.40	10.80	6.30	4.06	11.80	16.77
18	20.38	19.94	30.12	39.00	33.47	30.82	21.75	10.06	6.28	4.04	12.30	16.70
19	25.62	19 00	30.56	38.38	33.18	31.04	21.13	9.44	6.12	4.25	13.00	16.25
20	28.60	17.85	30.70	37.95	32.93	30.85	20.65	8.85	5.98	4.50	13.60	15.65
21	30.75	16.90	30.80	37.85	33.04	30.30	20.30	8.50	5.92	4.70	13.90	14.95
22	32.30	16.00	30.82	38.05	32.70	29.60	20.40	8.15	5.90	5.05	13.92	14.45
23	33.60	15.45	30.65	38.55	31.72	28.54	20.80	8.10	6.00	5.97	14.20	14.30
24	34.70	15.00	30.50	39.00	30.68	27.70	21.00	7.79	6.94	6.80	14.77	14.70
25	35.65	14.50	30.35	38.90	29.60	27.00	20.80	7.30	7.30	7.70	15.50	15.70
26	36.40	13.95	30.06	38.48	28.85	26.80	20.30	7.21	6.98	8.70	15.83	16.45
27	36.90	13.45	29.90	38.10	28.20	26.70	19.94	7.00	6.50	9.46	16.30	18.00
28	37.04	13.03	29.82	38.06	27.40	27.00	19.50	6.88	6.02	10.04	16.86	19.90
29	36.79		29.86	38.23	26.30	27.58	19.15	6.96	5.75	10.48	17.80	21.40
30	35.95		30.10	38.53	25.00	28.50	18.90	7.00	5.50	10.90	18.80	22.80
31	34.64		30.75		23.65		18.33	6.85		11.23		24.10

Ohio River.—Cairo, Ill., 1878.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	25.10	25.36	32 80	21.15	35.80	29.15	23.85	17.60	13.70	10.50	6.34	12.48
2	26.20	26.40	32.70	20.90	34.20	28.40	24.00	18.42	13.20	9.50	7.00	16.75
3	26.85	27.10	32.76	20.46	33.04	27.67	24.06	18.85	12.48	8.60	7.70	20.85
4	27.00	27.54	32.84	20.00	32.40	27.04	24.20	18.75	11.40	7.95	8.20	23.50
5	26.50	27.75	32.92	19.54	32.08	26.64	24.21	18.50	10.62	7.50	8.58	25.56
6	26.00	27.75	32.94	19.56	32.00	26.39	24.25	18.31	9.98	7.00	8.77	26.68
7	25.20	27.40	32.67	20.10	32.08	26.40	24.80	18.10	9.70	6.62	9.00	27.05
8	24.10	26.80	32.00	20.50	32.20	26.58	25.30	17.94	9.40	6.54	9.10	26.95
9	22.70	25.95	31.30	20.60	32.25	26.33	25.23	17.68	9.10	6.52	9.23	26.50
10	21.10	25.25	30.54	20.79	32.05	25.75	24.94	17.58	8.95	6.54	9.30	26.15
11	19.40	25.00	30.00	21.50	31.43	25.22	24.45	17.60	8.85	6.52	9.20	26.10
12	17.88	25.80	30.60	22.35	30.50	25.25	24.10	17.75	8.60	6.44	9.06	26.50
13	16.50	27.00	32.90	22.92	29.97	25.40	23.15	17.60	8.10	6.40	8.94	27.20
14	15.70	28.00	34.00	23.30	29.10	25.75	22.15	17.40	7.75	6.30	8.60	27.40
15	15.50	28.45	34.58	23.50	28.40	26.05	21.45	16.75	7.40	6.20	8.37	27.20
16	15.60	28.70	35.30	23.35	27.98	26.30	20.60	16.20	7.25	6.10	8.25	26.85
17	16.25	28.85	35.72	23.00	27.54	26.67	20.00	15.75	7.00	6.04	7.96	26.70
18	17.50	29.15	35.57	22.75	27.00	27.30	19.58	15.27	6.80	6.04	7.75	26.80
19	20.00	29.19	35.12	22.67	26.50	27.67	19.40	14.80	6.70	6.10	7.60	26.98
20	22.00	28.90	34.50	22.90	26.60	27.63	19.15	14.25	6.75	6.08	7.50	26.90
21	23.10	28.58	33.65	24.50	26.68	27.40	18.85	13.73	11.75	6.00	7.60	26.80
22	23.60	28.50	32.50	26.52	28.04	27.34	18.56	13.21	16.58	5.92	7.80	26.50
23	23.65	28.75	31.20	27.00	30.45	27.40	18.23	12.80	18.44	6.17	8.20	25.85
24	23.60	29.50	29.60	28.90	31.90	27.15	18.06	12.80	18.44	6.50	8.50	24.70
25	23.10	31.25	28.12	31.54	32.36	26.62	18.00	13.50	17.73	6.70	8.80	23.40
26	22.67	32.27	26.78	34.10	32.41	26.20	17.92	14.75	16.60	6.80	9.00	21.40
27	22.20	32.85	25.10	35.67	32.16	25.65	17.80	14.95	15.29	6.70	9.40	19.50
28	22.00	32.93	23.80	36.56	31.50	25.20	17.50	14.20	13.98	6.62	9.80	17.70
29	21.80		22.70	37.04	30.67	24 60	17.00	13.56	12.71	6.50	10.20	16.50
30	22.80		21.80	36.75	29.96	24.08	16.90	13.50	11.65	6.30	10.60	14.95
31	23.80		21.30		29.70		16.98	13.70		6.18		14.00

Ohio River.—Cairo, Ill., 1879.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	13.46	30.71	25.00	31.85	20.96	14.60	18.38	15.50	14.10	3.88	4.78	14.35
2	12.96	30.70	24.50	31.73	20.00	15.60	19.42	15.00	13.52	3.40	4.45	14.75
3	11.65	30.90	24.10	31.54	19.10	16.17	19.60	14.60	13.60	3.30	4.15	15.00
4	10.70	31.12	24.00	31.21	18.20	16.65	19.60	14.15	16.50	3.15	4.00	15.04
5	9.80	31.60	24.00	31.50	17.46	17.15	19.75	13.88	18.35	3.00	3.90	15.35
6	8.90	32.50	24.04	32.25	16.70	17.87	19.70	13.73	19.35	2.90	3.80	16.04
7	8.30	33.30	24.10	32.25	16.05	18.10	19.15	13.79	19.54	2.80	3.68	16.80
8	8.10	34.00	24.10	31.88	15.35	18.06	18.50	13.98	19.27	2.80	3.60	18.17
9	7.90	34.15	23.90	31.10	14.88	17.84	18.00	14.66	18.62	2.75	3.60	19.40
10	8.00	34.00	23.50	30.20	14.54	17.80	17.60	15.15	17.70	2.68	3.40	20.00
11	10.10	33.46	23.20	29.50	14.30	17.60	17.15	15.30	16.44	2.80	3.42	20.30
12	11.90	32.52	23.21	29.23	14.10	17.40	16.66	15.22	15.00	3.17	3.44	20.50
13	14.50	31.25	23.80	30.20	14.00	17.00	16.13	14.95	13.75	3.31	3.42	25.70
14	18.00	29.80	24.80	30.90	14.04	16.62	15.70	14.40	12.70	3.17	3.56	28.40
15	19.88	28.15	25.90	31.70	13.90	16.70	15 45	13.70	11.75	3.00	3.77	29.25
16	21.40	26.22	26.75	31.20	13.54	16.92	15.50	13.45	10.85	2.90	4.20	29.80
17	22.75	24.25	27.45	31.12	13.20	16.70	15.62	13.00	9.95	3.45	5.20	30.00
18	24.70	22.80	28.20	31.10	13.15	16.82	15.90	12.25	9.15	3.80	7.50	29.98
19	26.50	22.00	28.84	30.70	13.20	16.60	16.04	11.70	8.48	3.70	11.40	29.80
20	29.60	22.50	29.40	30.46	13.20	16 54	16.00	11.57	7.98	4.20	13.67	29.21
21	32.50	24.00	29.70	30.06	13.12	16.85	15.82	12.00	7.54	4.80	15.15	28.21
22	34.00	24.80	29.80	29.50	12.85	17.45	15.84	12.02	7.02	5.00	15.77	26.80
23	34.90	25.40	30.15	28.75	12.40	17.83	15.40	11.70	6.68	4.62	15.85	25.40
24	35.50	25.90	30.90	27.88	12.20	18.02	15.37	11.50	6.30	4 30	15.38	25.00
25	35.90	26.15	31.87	26.75	12.10	17.80	15.15	12.15	5.90	5.00	14.73	27.00
26	36.00	26.12	32.62	25.60	12.13	17.44	15.06	13.70	5.60	7.00	14.00	28.60
27	35.90	25.97	32.90	24.35	12.20	17.04	15.30	12.92	5.30	7.67	13 17	31.25
28	35.20	25.58	32 80	23.50	12.00	16.75	15.70	12.45	5.00	7.42	12.75	33.10
29	34.06		32.60	22.75	12.15	16.98	16.34	12.50	4.60	6.77	13.30	34.42
30	32.40		32.40	21.85	12.67	17.40	16.52	13.10	4.25	5.90	14.00	35.70
31	31.40		32.00		13.58		16.06	14 00		5.25		36.50

Ohio River.—Cairo, Ill., 1880.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	36.85	23.98	40.56	37.90	35.38	21.60	25.90	16.60	11.20	7.96	7.10	6.20
2	37.20	23.20	39.90	36.88	36.50	22.42	25.90	15.33	11.60	7.98	8.40	9.20
3	37.00	22.45	39.40	35.90	37.20	23.19	26.50	14.85	11.67	8.13	9.08	12.70
4	36.10	21.70	39.12	34.60	37.75	23.75	28.10	14.40	11.60	8.50	9.12	15.80
5	35.00	21.05	38.97	33.76	38.00	24.00	29.90	13.63	11.90	8.90	8.90	18.13
6	34.50	20.96	38.85	33.74	38.15	23.90	31.95	13.10	12.87	9.20	8.98	20.40
7	33.60	21.00	39.00	33.90	38.00	23.90	33.42	12.70	13.50	9.40	9.40	22.70
8	33.50	20.70	39.65	34.04	37.40	24.30	33.96	13.33	13.33	9.40	9.92	26.20
9	35.40	20.25	39.88	34.20	36.40	24.00	34.06	13.00	13.20	9.30	10.60	29.08
10	37.25	19.60	40.10	34.38	34.90	23.33	33.90	12.80	13.50	9.36	12.00	30.70
11	38.80	19.06	40.50	34.12	33.10	22.75	33.40	12.70	14.02	8.85	14.02	31.40
12	40.00	19.12	41.08	33.88	31.00	22.38	32.54	12.54	14.52	8.48	15.46	31.48
13	40.85	21.12	41.70	33.70	29.45	22.42	31.50	12.50	14.42	7.78	16.21	31.00
14	41.50	26.90	42.45	32.70	28.00	22.27	30.60	12.54	13.80	7.30	16.60	30.20
15	41.75	30.38	43.01	30.90	26.58	21.79	29.60	11.50	12.90	7.00	16.52	28.50
16	41.75	33.20	43.60	29.70	25.04	21.20	28.87	11.30	12.00	7.60	16.04	26.10
17	41.55	35.70	43.96	30.04	23.80	20.67	28.40	11.00	11.25	8.35	15.25	23.40
18	41.10	37.20	44.20	30.25	22.70	20.10	27.08	10.71	10.62	8.00	14.60	20.92
19	40.50	38.60	44.40	30.80	21.70	19.95	25.90	10.30	10.00	7.60	13.90	19.90
20	39.60	40.00	44.46	31.60	20.67	20.80	25.00	10.06	9.70	7.40	13.25	17.75
21	38.60	41.15	44.54	32.28	19.90	21.70	24.10	9.85	9.48	7.54	12.50	16.92
22	37.30	42.25	44.60	32.70	20.20	22.20	23.20	9.47	9.20	7.90	11.54	16.20
23	35.90	43.00	44.58	32.90	20.10	23.04	22.30	8.98	8.90	8.00	10.82	15.44
24	34.50	43.35	44.48	32.75	19.85	24.27	21.52	8.40	8.50	7.54	10.00	14.90
25	32.90	43.35	44.30	32.15	19.75	25.15	20.84	8.00	8.20	7.20	9.05	14.40
26	31.50	42.90	43.98	31.45	19.40	25.84	20.25	7.78	8.00	6.90	8.20	14.00
27	29.92	42.20	43.50	30.60	18.96	26.33	19.68	8.10	7.85	6.50	7.20	13.70
28	28.58	41.20	42.80	30.30	18.60	26.75	19.10	8.90	7.92	6.20	6.13	13.40
29	27.00	40.70	41.98	31.30	18.58	26.80	18.67	9.67	7.90	5.90	5.70	12.92
30	25.80		40.60	33.40	19.10	26.40	17.70	10.15	7.88	6.13	5.70	11.90
31	24.80		39.20		20.30		16.85	10.64		6.20		10.40

Mississippi River.—Cairo, Ill., 1881.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.
1	8.70	27.90	41.10	37.00	40.82	22.75	25.20	15.50	5.90	11.44	22.31	33.00
2	7.00	25.65	40.30	37.00	40 78	22.25	24.78	14.90	5.79	11.90	22.30	32.40
4	6.00	23.58	39.30	37.00	40.90	21.58	24.50	14.56	5.76	12.50	22.55	31.70
3	5.60	21.68	38.10	36.65	41.70	20.98	24.83	14.27	5.72	13.80	22.80	30.54
5	5.52	20.20	36.30	36.15	41.45	20.70	25.30	14.00	5.70	14.42	22.94	29.25
6	5.50	19.15	34.40	35.70	41.75	20.84	25.45	13.75	5.62	16.60	23.30	27.70
7	5.40	18.50	32.40	35.10	42.10	21.20	25.52	13.50	5.52	17.35	23.86	26.04
8	5.48	18.70	31.00	34.80	42.48	21.30	25.33	13.10	5.44	17.73	24.42	24.60
9	5.40	19.30	29.94	35.40	42.65	21.10	24.70	12.58	5.40	18.20	24.77	23.40
10	5.60	22.04	29.50	36.40	42.40	20.70	23.70	11.92	5.40	18.92	24.82	22.52
11	6.17	26.00	29.30	37.33	41.50	20.46	22.52	11.25	5.54	19.42	24.82	21.78
12	7.60	32.52	29.20	38.25	40.10	20.50	21.17	10.60	5.77	19.56	25.25	21.13
13	9.30	36.22	29.00	39.50	38.50	21.02	19.87	10.00	5.78	19.52	26.02	20.56
14	11.30	37.75	29.04	41.04	37.00	22.00	18.72	9.54	5.92	19.60	26.60	20.12
15	16.00	38.50	30.06	42.60	35.90	23.10	17.90	9.00	6.20	19.54	27.15	20.04
16	17.50	38.75	31.40	43.80	34.80	24.10	17.86	8.56	6.42	19.44	28.00	20.04
17	17.80	38.98	32.08	44.75	33.66	24.83	17.96	8.10	6.75	19.25	29.00	20.80
18	18.50	39.18	32.58	45.33	32.44	26.30	18.44	7.88	6.80	18.90	29.75	22.34
19	19.00	39.72	33.82	45.75	31.20	28.15	18.85	7.90	7.42	18.80	30.22	24.00
20	19.96	40.33	35.98	45.80	30.20	29.52	19.04	8.02	8.25	18.95	30.95	26.34
21	22.30	40.96	37.50	45.60	29.25	30.50	19.40	7.90	8.65	19.55	32.00	28.50
22	25.20	41.68	38.60	45.40	28.42	30.84	19.73	7.70	8.75	20.35	32.77	30.46
23	27.62	42.18	39.20	45.10	27.50	30.60	19.97	7.48	8.72	21.25	33.12	31.85
24	29.70	42.40	39.50	44.70	26.90	29.87	20.08	7.27	8.70	21.75	33.25	33.00
25	31.00	42.44	39.56	44.21	26.40	29.05	20.10	7.10	8.80	22.40	33.05	34.60
26	31.90	42.30	39.50	43.60	26.15	28.17	20.02	7.00	10.30	22.52	32.90	36.33
27	32.42	42.22	39.52	42.90	26.15	27.52	19.80	6.99	11.25	22.82	33.02	37.78
28	32.60	41.72	39.48	42.12	26.02	26.90	19.30	6.82	11.60	22.95	33.15	38.80
29	32.40		39.15	41.50	25.60	26.20	18.54	6.58	11.62	22.97	33.20	39.31
30	31.62		38.56	41.00	24.85	25.65	17.40	6.32	11.40	22.95	33.15	39.50
31	29.90		37.75		23.94		16.35	6.10		22.54		39.54

Mis-issippi River.—Cairo, Ill., 1882.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	39.20	47.64	51.00	41.93	31.85	39.12	35.00	20.54	13.78	10 00	9.42	11.14
2	38.90	47.72	50.62	41.88	32.05	40.10	35 55	20.15	13.83	9.60	9.60	11.14
3	38.68	47.70	50.30	41.59	32.20	40.80	35.60	19.90	13.85	9.42	9.73	11.05
4	38.50	47.66	49.95	40.90	32.25	41.44	36.20	19.55	13.98	9.60	9.88	11 02
5	38.36	47.50	49.52	39.77	32.10	41.84	36.98	19.60	14.17	9.75	9.88	11.10
6	38.15	47.30	49.02	38.10	31.80	41.98	37.70	20.60	14.31	9.75	9.84	11.72
7	37.80	47.00	48.54	35.95	31.25	41.98	38.33	22.05	14.67	9.67	9.72	11.80
8	37.46	46.80	48.12	34.26	30.85	41.90	38.70	22.90	15.05	9 55	9.78	11.60
9	37.20	46.48	47.87	34.10	31.33	41.64	38.8[illegible]	23.10	15.32	9.45	10.08	11.30
10	37.06	46.00	47.70	34.64	35.00	41.15	38.64	22.85	15.25	9.50	10.63	10.72
11	37.46	45.50	47.50	34.83	37.10	40.44	38.20	22.50	15 00	9.48	10.98	10.35
12	38.00	44.94	47.55	34.92	39.10	39.40	37.68	22.25	14.70	9.90	11.04	9.98
13	38.80	44.58	47.82	34.64	40.90	38.37	36.66	21.95	14.35	9.30	11.53	9.30
14	40.15	44.40	47.97	34.38	41.70	36.70	35.44	21.52	13.90	9.02	11.98	8.80
15	41.21	44.23	47.97	34.30	41.85	34.85	34.36	21.00	13.48	8.74	11.73	8.30
16	42.21	44.20	47.78	34.48	41.72	33.38	33.40	20.55	13.10	8.50	11.80	8.04
17	43.20	45.00	47.50	34.75	41.67	32.50	32.62	20.17	13.55	8.34	12.10	7.90
18	43.96	45.58	47.10	34.67	41.67	32.40	31.85	19.90	15.18	8.28	12.20	7.40
19	44.60	45.84	46.60	34.04	41.77	33.90	30.98	19.67	16.46	8.06	12.14	7.30
20	45.10	46.10	46.02	33.17	41.85	36.00	30.22	19.32	17.45	7.96	11.85	7.58
21	45.56	47.40	45.33	32.10	42.12	37.46	29.60	18.85	18.88	8.02	11.52	8.05
22	46.00	49.52	44.38	31.10	42.50	37.95	29.10	18.25	17.35	8.33	11.33	8.90
23	46.56	50.80	43.36	30.10	42.52	38.28	28.66	17.50	16.30	8.64	11.22	9.88
24	46.80	51.56	42.44	29.50	42.12	38.50	27.92	16.70	15.30	8.84	11.14	10.80
25	47.02	51.83	41.80	29.44	41.46	38.55	26.84	16 04	14.40	8.84	11.04	11.94
26	47.20	51.87	41.47	29.80	40.42	38.20	25.60	15.35	13.50	8.84	11.00	13.30
27	47.40	51.68	41.38	30.40	39.10	37.70	24.33	14.77	12.55	8.87	10.94	14.57
28	47.50	51.40	41.32	30.88	38.00	36.85	23.20	14.40	11.65	9.03	10.88	15.50
29	47.54		41.47	31.20	37.00	36.00	22.30	14.05	10.95	9.24	10.96	16.30
30	47.60		41.63	31.60	37.04	35.30	21.60	13.77	10.50	9.30	11.08	16.85
31	47.64		41.82		37.87		21.00	13.75		9.35		16.95

Ohio River.—Cairo, Ill., 1883.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	16.75	30.00	51.83	26.40	41.65	33.25	38.74	19.02	10.48	4.76	12.92	28.00
2	16.48	29.74	51.40	28.40	41.52	33.53	38.26	18.93	10.03	4.95	15.15	27.68
3	16.15	29.50	50.80	30.95	41.20	33.40	37.60	19.33	9.70	5.15	17.10	27.32
4	15.60	29.68	50.10	33.10	40.67	32.95	36.77	20.67	9.30	5.43	18.70	26.83
5	14.95	29.76	49.20	34.82	39.82	32.46	35.65	21.60	9.05	5.77	19.40	26.25
6	14.32	28.93	48.15	36.84	38.40	31.98	34.33	21.60	8.80	6.08	19.55	25.56
7	13.70	29.20	46.95	39.25	36.42	31.58	32.74	21.22	8.60	6.30	19.21	24.77
8	12.90	31.18	45.60	40.50	34.15	31.55	31.35	20.84	8.40	6.54	18.85	23.68
9	12.14	32.98	44.28	41.63	32.80	32.02	29.87	20.55	8.18	7.05	18.40	22.40
10	12.14	34.40	42.95	42.60	29.75	33.26	28.22	20.24	7.88	7.58	18.73	20.84
11	12.40	36.10	41.60	43.34	28.00	34.47	26.90	19.90	7.60	7.85	20.05	19.13
12	12.95	38.20	40.00	43.80	26.80	34.60	25.90	19.43	7.35	8.10	20.38	17.80
13	13.20	39.75	38.28	44.05	25.70	35.30	25.40	18.76	7.00	8.05	20.43	17.00
14	13.05	41.25	36.60	44.15	24.90	36.17	25.05	18.03	6.55	8.05	20.45	16.60
15	13.26	43.32	34.90	44.20	24.45	36.78	24.97	17.34	6.43	8.37	21.15	16.28
16	13.00	45.30	33.28	44.18	23.95	37.50	25.13	16.80	6.30	8.90	21.87	16.03
17	13.15	47.05	31.82	43.84	23.68	38.14	25.33	16.33	6.10	9.15	22.06	15.39
18	13.97	48.95	30.55	43.20	23.85	38.40	26.64	16.00	5.90	9.45	21.65	15.05
19	15.10	50.50	29.12	42.40	24.50	38.60	27.22	15.72	5.75	9.97	20.80	14.62
20	16.25	51.44	27.84	41.25	25.70	38.66	27.74	15.50	5.60	10.08	19.70	14.21
21	17.28	51.79	26.64	39.80	27.90	38.72	27.92	15.35	5.40	9.94	18.58	13.63
22	17.85	51.79	25.82	38.64	28.90	38.80	27.65	14.77	5.37	9.88	19.03	13.24
23	18.88	51.79	25.20	39.14	29.45	38.97	26.95	13.90	5.22	10.30	20.74	13.10
24	20.55	51.96	24.74	40.20	30.05	39.16	26.05	13.40	5.08	10.74	20.95	13.62
25	22.83	52.04	24.40	41.12	30.50	39.28	24.80	13.00	4.96	10.74	22.28	15.75
26	24.88	52.13	24.28	41.64	31.10	39.25	23.40	12.88	4.90	10.40	24.45	19.06
27	26.70	52.17	24.40	41.73	31.80	39.23	22.20	12.85	4.85	10.08	26.30	24.05
28	28.35	52.08	24.58	41.68	32.18	39.20	21.40	12.60	4.80	9.90	27.47	28.52
29	29.80		24.80	41.65	32.20	39.14	20.95	12.18	4.75	9.88	28.03	31.03
30	30.70		24.98	41.65	32.20	39.00	20.23	11.68	4.70	11.02	28.13	32.50
31	30.35		25.53		32.73		19.58	11.10		11.35		33.52

Ohio River.—Cairo, Ill., 1884.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	34.46	25.60	49.50	48.02	37.21	21.18	22.95	17.67	9.97	15.94	15.98	11.70
2	35.07	26.05	48.65	47.57	36.95	20.93	22.76	18.12	10.41	17.40	15.80	11.35
3	35.28	28.73	47.72	47.15	36.43	20.70	22.90	18.75	10.98	18.38	15.40	10.80
4	35.17	31.78	46.55	46.67	35.90	20.52	23.02	19.00	11.50	19.43	14.90	10.12
5	34.42	34.20	45.15	45.88	36.08	20.55	22.88	18.75	11.80	19.65	14.40	9.45
6	33.55	36.95	43.50	44.83	36.37	20.90	22.83	18.29	11.72	19.35	13.84	8.78
7	32.51	40.28	41.65	43.63	37.10	21.98	22.80	18.28	11.28	18.87	13.32	8.27
8	31.27	42.31	39.75	42.42	37.97	22.50	22.82	18.28	10.65	18.35	12.98	7.78
9	30.14	43.77	38.10	41.40	38.35	23.00	23.00	17.72	9.98	17.87	12.63	7.40
10	29.13	44.89	36.80	40 75	38.24	23.43	23 11	16.90	9.30	17.48	12.13	7.30
11	27.70	45.83	36.10	40.27	37.76	23.95	23.05	16.05	8.70	17.13	11.73	7.98
12	26.47	46.62	36.38	39.75	37.15	24.65	22.78	15.53	8.30	17.06	11.32	9.55
13	25.08	47.44	37.28	39 10	36.52	25.50	22.42	15.00	8.06	17.35	11.00	11.20
14	24.04	48.22	38.63	38.58	35.78	26.08	22.05	14.50	7.85	17.81	10.75	12.13
15	23.40	49.00	39.90	38.08	34.75	26 23	21.55	13.90	7.70	18.05	10.54	13.35
16	23.12	49.70	41.05	37.80	33.70	26.37	21.33	13.28	7.65	18.20	10.40	14.63
17	23.65	50.30	42.10	38.10	32.45	26.60	20.81	12.62	7.80	18.20	10.35	15.35
18	24.74	50.75	43.08	38.43	31.10	26.80	21.13	12.00	7.75	18.10	10.35	15.90
19	25.72	51.15	43.96	38.70	29.95	26.82	22.04	11.48	7.50	17.80	10.17	16.23
20	26.52	51.46	44.85	38.45	29.13	26.50	22.10	10.95	7.32	17.48	10.12	16.33
21	27.20	51.75	45.85	37.98	28.32	26.04	21.34	10.53	7.30	17.10	9.94	15.85
22	27.82	51.79	46.60	38.10	27.81	25.60	20.18	10.22	7.20	16.70	9.94	14.93
23	28.14	51.79	47.15	38.18	27.12	25.40	19.00	10.12	7.10	16.36	9.60	13.90
24	27.92	51.79	47.40	38.00	26.25	25.22	17.77	10.08	7.23	16.08	9.45	13.12
25	27.40	51.71	47 55	37.82	25.39	24.85	16.70	9.85	7.50	15.78	9.40	13.17
26	26.83	51.50	47.60	37.65	24.54	24.32	16.06	9.38	7.75	15.83	9.68	13.90
27	26.57	51.19	47.80	37 50	23.79	23.95	15.57	8.97	8.15	16.38	10.84	15.97
28	26.28	50 70	48 05	37.45	23.09	23 67	15.50	8 87	9.50	16 53	11.60	16.53
29	25.70	50.15	48.40	37.42	22.40	23.47	15.60	8.90	11.50	16.48	11.88	18.90
30	24.97		48.55	37.33	21.82	23.26	16.04	8.85	13.93	16.30	11.75	20.80
31	25.65		48.37		21.45		16.88	9.40		16.12		23.82

Mississippi River.—Carrollton, La., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	5.00	13.46	11.33	11.43	11.70	10.60	10.25	5.75	3.12	4.80	1.25	3.85
2	5.00	13.47	11.20	11.22	11.80	10.45	10.25	5.25	2.88	4.40	1.05	3.30
3	5.85	13.46	10.90	11.40	11.98	10.35	10.28	4.65	2.75	4.12	1.00	2.80
4	6.85	13.42	10.78	11.10	12.05	10.27	10.28	4.15	2.75	3.70	1.20	2.60
5	7.95	13.42	10.35	10.98	12.19	10.15	10.28	3.75	2.45	3.30	1.65	2.40
6	8.00	13.42	9.95	10.72	12.38	10.07	10.28	3.40	2.20	2.90	2.20	2.20
7	8.35	13.42	9.50	10.78	12.48	10.00	10.28	3.10	2.10	2.65	2.00	2.15
8	9.00	13.44	9.10	10.90	12.38	9.90	10.25	3.00	2.00	2.45	1.75	2.50
9	10.00	13.47	8.85	10.75	12 52	9.90	10.05	2.75	1.95	2.35	1.75	2.90
10	10.40	13.45	8.73	10.70	12.65	10.00	9.95	2.70	2.05	2.48	1.50	2.30
11	11.00	13.42	8.70	10.48	12.60	9.95	9.85	2.75	2.25	2.60	1.55	2.15
12	11.45	13.42	8.70	10.30	12.57	10.10	9.67	2.70	2.65	2.32	1.75	2.55
13	11.50	13.42	8.73	10.20	12.60	10.00	9.45	2.80	2.85	1.80	1.85	2.85
14	11.75	13.40	8.85	10.22	12.60	10.20	9.15	2.75	3.10	1.50	2.30	2.15
15	12.80	12.38	9.10	10.20	12.63	10.28	8.88	2.80	3.35	1.50	2.30	1.70
16	12.85	12.35	9.35	10.42	12.60	10.20	8.60	2.85	3.48	1.75	2.55	1.50
17	13.00	12.32	9.57	10.60	12.63	10.18	8.35	3.00	3.63	1.75	2.80	1.50
18	12.55	12.32	9.80	10.58	12.55	10.18	8.20	2.93	3.80	1.70	3.25	1.50
19	12.50	12.30	9.95	10.70	12.65	10.10	8.20	3.00	4.10	1.80	3.60	1.60
20	12.60	12.30	10.20	11.05	12.45	10.07	8.20	3.10	4.20	1.60	4.00	1.55
21	12.65	12.26	10.45	11.20	12.30	9.95	8.17	3.18	4.25	1.70	4.35	1.90
22	13.55	12.00	10.70	11.38	12.20	9.90	7.98	3.12	4.38	1.30	4.70	2.20
23	13.55	11.78	10.70	11.45	12.10	9.72	7.75	3.22	4.70	1.05	5.05	2.50
24	13.15	12.00	10.70	11.38	11.90	9.65	7.62	3.12	4.75	0.90	5.15	2.75
25	13.20	11.78	10.98	11.45	11.75	9.60	7.45	3.25	4.90	1.00	5.25	2.85
26	13.25	11.76	11.20	11.50	11.50	9.65	7.25	3.25	5.70	1.35	5.15	3.10
27	13.30	11.33	11.45	11.50	11.37	9.82	7.00	3.50	5.35	1.90	5.05	3.10
28	13.34	11.35	11.52	11.48	11.25	9.88	6.90	3.60	5.25	1.75	5.05	3.40
29	13.40		11.52	11.50	11.10	10.00	6.70	3.63	4.90	1.35	4.70	3.85
30	13.40		11.52	11.53	10.95	10.05	6.45	3.80	4.90	1.20	4.20	4 45
31	13.43		11.40		10.80		6.07	3.35		1.17		4.45

Mississippi River.—Carrollton, La., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	4.53	7.30	11 50	8.40	13.30	13.75	11.00	2.90	1.20	1.25	0.30	0.85
2	4.60	7.48	11.65	8.45	13.45	13.70	10.90	2.60	1.25	1.45	0.30	1.15
3	5.20	7.95	11.90	8.85	13.50	13.70	10.55	2.40	1.55	1.15	0.60	1.45
4	4 95	7.78	12.15	9 35	13.40	13.68	10.40	2.45	1.90	1.10	0.50	1.90
5	4.40	7.90	12.50	9.85	13.35	13.65	10.25	2.40	1.90	1.25	0.45	2.25
6	3.95	7.95	12.25	10.25	13.30	13 60	10.25	2.35	1.95	1 03	0.45	2.60
7	3.90	8.00	12.15	10.65	13.30	13 60	10.20	2.20	2.20	1.25	0.00	3.05
8	4.10	8 08	12.10	10.80	13.35	13.60	10.25	2.35	2.20	1.30	0.00	3.40
9	3.50	8.15	12.30	11.25	13.35	13 55	10 25	2.25	2.25	1.55	0.00	3.65
10	3.40	8.25	12.10	11.50	13.35	13.35	10.25	2.20	1.95	1.80	—0.35	3.80
11	3.75	8.25	12.25	11.70	13.40	13.15	10.15	1.95	1 45	2.00	—0 20	3.90
12	4.10	7.95	12.25	11.90	13.45	12.90	9.90	1.70	1.20	*4.40	0.25	3.90
13	4.45	7.70	12.15	12.10	13.45	12.60	9.75	1.60	0.90	2.00	—0.15	3.60
14	5.00	7.50	12.05	12.30	13.50	12.40	9.45	1.47	0.90	1.35	0.00	3.35
15	6.20	7.30	11.90	12.40	13.50	11.90	9.20	1.37	0.80	0.90	0.45	3.10
16	6.45	7.20	11.85	12.50	13.50	11.50	8.65	1.25	0.75	1.00	0.70	2.55
17	6.75	7.10	11.70	12.55	13.50	11.20	8.25	1.45	0.90	1.20	1.40	2.10
18	7.25	7.00	11.55	12.65	13.65	11.15	7.75	1.60	1.15	1.30	0.70	1.80
19	7.70	7.30	11.55	12.70	13.55	11.00	7.50	2.30	1.65	1.30	0.35	1.70
20	8.00	7.70	11.65	12.70	13.50	11.00	6.90	2.65	2.15	1.30	0.15	1.05
21	8.15	8.40	11.15	12 65	13.55	11.10	6.50	2.35	1.90	1.00	0.30	0.70
22	8.30	9.00	10.75	12 65	13.55	11.10	6.05	2.45	1.75	0.90	0.30	0.60
23	8.35	9.75	10.40	12.70	13.60	11.20	5.60	2.35	1.85	0.70	0.40	0.55
24	8.25	10.15	10.00	12.65	13.65	11.20	5.30	2.20	1.95	0.70	0.35	0.50
25	8.10	10.75	9.65	12.70	13.60	11.18	5.00	1.85	1.95	0.50	0.15	0.60
26	7.85	10.90	9.35	12.80	13.55	11.07	4.60	1.80	1.55	0.50	0.10	0.80
27	7.80	11.15	9.15	13.10	13.60	11.05	4.40	1.85	1.25	0.20	—0.40	0.95
28	7.45	11.50	9.05	13.65	13.65	11.00	4.15	1.50	1.05	0.50	0.00	0.85
29	7.35		8.90	13.35	13.70	10.95	3.90	1.50	1.05	0.30	0.35	1.10
30	7.25		8.80	13.40	13.75	10.85	3.65	1.20	1.15	0.20	0.85	1.50
31	7.30		8.55		13.80		3.25	1.20		0.30		1.65

*Great storm on Gulf coast.

Mississippi River.—College Point, La., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	7.55	21.00	17.45	17 58	18.03	16.43	15.80	9.98	4.62	.....	.....	.....
2	8.30	21.00	17.12	17.50	18.10	16.23	15.80	9.78	4.58	.....	.....	.....
3	8.78	20.95	16.35	17.45	18.18	15.98	15.80	9.25	4.52	.....	.....	.....
4	9.82	20.85	16.10	17.40	18.25	15.83	15.85	8.58	4.45	.....	.....	.....
5	11.38	20.85	15.80	17.40	18.40	15.68	15.85	8.38	4.40	.....	.....	.....
6	12.88	20.80	15.22	17.30	18.75	15.50	15.90	7.22	4.32	.....	.....	.....
7	14.05	20.77	14.92	17.12	19.18	15.43	15.90	6.22	4.23	.....	.....	.....
8	15.05	20.72	14.60	16.97	19.38	15.38	15.85	5.95	4.12	.....	.....	.....
9	15.90	20.60	14.40	16.85	19.50	15.30	15.52	5.62	4.03	.....	.....	.....
10	16.80	20.55	14.15	16.58	19.58	15.31	15.25	5.13	3.92	.....	.....	.....
11	17.32	20.48	13.88	16.38	19.60	15.32	14.95	5.02	4.01	.....	.....	.....
12	17.78	20.42	13.60	16.28	19.50	15.36	14.80	5.00	4.33	.....	.....	.....
13	18.10	20.22	13.70	16.12	19.56	15.60	14.55	5.05	4.87	.....	.....	.....
14	18.50	19.92	13.82	16.03	19.60	15.68	14.17	5.15	5.35	.....	.....	.....
15	18.80	20.68	14.13	15.92	19.73	15.85	14.00	5.17	5.68	.....	.....	.....
16	19.10	20.40	14.53	15.90	19.68	15.90	13.98	5.17	5.92	.....	.....	.....
17	19.21	20.00	14.88	15.95	19.68	15.85	13.90	5.23	6.32	.....	.....	.....
18	19.28	19.50	15 93	16.15	19.62	15.80	13.88	5.22	6.63	.....	.....	.....
19	19.52	18 80	16.15	16.40	19.58	15.78	13.78	5.28	7.15	.....	.....	.....
20	19.87	18.70	16.23	16.78	19.47	15.50	13.62	5.32	7.57	.....	.....	.....
21	20.00	18.58	16.43	17.53	19.18	15.23	13.48	5.34	7.95	.....	.....	.....
22	20.22	18.55	16.62	17.58	18.95	15.13	13.20	5.42	8.45	.....	.....	.....
23	20.25	18.58	16.82	17.58	18.72	15.00	13.05	5.52	8.43	.....	.....	.....
24	20.31	18.48	16.95	17.60	18.45	14.95	12 75	5.80	8.40	.....	.....	.....
25	20.36	18.40	17.15	17.60	17.95	14.90	12.22	5.90	8.40	.....	.....	.....
26	20.50	18.18	17.30	17.55	17.80	14.80	11.68	6.02	8.42	.....	.....	.....
27	20.62	18.05	17.52	17.60	17.48	14 85	11.38	6.00	8.42	.....	.....	.....
28	20.97	17.80	17.62	17.65	17.18	15.05	11.10	5.78	8.50	.....	.....	.....
29	20.97		17.90	17.73	17.00	15.25	10.85	5.62	?8 98	.....	.....	.....
30	21.05		17.92	17.83	16.85	15.55	10.62	5.35	8.42	.....	.....	.....
31	21.05		17.80		16.75		10.15	4.95		.....		.....

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.
1	10.95	27.70	22.90	23.30	24.18	.....	.....	.....	.....	.....	.....	.....
2	11.68	27.70	22.50	23.05	24.53	.....	.....	.....	.....	.....	.....	.....
3	12.40	27.70	21.90	22.88	24.73	.....	.....	.....	.....	.....	.....	.....
4	13.62	27.70	21.35	22.72	24.98	.....	.....	.....	.....	.....	.....	.....
5	15.00	27.70	20.67	22.42	25.20	.....	.....	.....	.....	.....	.....	.....
6	16.85	27.60	20.10	22 00	25.35	.....	.....	.....	.....	.....	.....	.....
7	18.55	27.55	19.50	22.00	25.50	.....	.....	.....	.....	.....	.....	.....
8	19.95	27.50	19.15	22.35	25.55	.....	.....	.....	.....	.....	.....	.....
9	21.20	27.45	18.88	22.00	25.78	.....	.....	.....	.....	.....	.....	.....
10	22.20	27.12	18.38	21.68	25.80	.....	.....	.....	.....	.....	.....	.....
11	22.80	26.92	18.12	21.38	25 85	.....	.....	.....	.....	.....	.....	.....
12	23.50	26.82	18.10	21.18	25.85	.....	.....	.....	.....	.....	.....	.....
13	24.00	26.65	18.20	21.00	25.85	.....	.....	.....	.....	.....	.....	.....
14	24.30	26.30	18.45	21.00	25.88	.....	.....	.....	.....	.....	.....	.....
15	24.55	25.88	18.85	21.25	25.90	.....	.....	.....	.....	.....	.....	.....
16	25.10	25.48	19.22	21.48	25.90	.....	.....	.....	.....	.....	.....	.....
17	25.30	25.18	19.72	21.75	25.90	.....	.....	.....	.....	.....	.....	.....
18	25.43	24.95	20.18	22.10	25.80	.....	.....	.....	.....	.....	.....	.....
19	25 65	24.80	20.60	22.38	25.75	.....	.....	.....	.....	.....	.....	.....
20	25.95	24.68	20.95	22.72	25.58	.....	.....	.....	.....	.....	.....	.....
21	26.25	24.60	21.55	22 90	25.20	.....	.....	.....	.....	.....	.....	.....
22	26.53	24.45	22.00	23.05	24.95	.....	.....	.....	.....	.....	.....	.....
23	26.95	24.40	22.30	23.30	24.68	.....	.....	.....	.....	.....	.....	.....
24	27.00	24 38	22.55	23.35	24.30	.....	.....	.....	.....	.....	.....	.....
25	27.20	24.30	22.82	23.35	23.95	.....	.....	.....	.....	.....	.....	.....
26	27.30	24.05	23.30	23.38	23.55	.....	.....	.....	.....	.....	.....	.....
27	27.30	23.77	23.40	23.45	23.20	.....	.....	.....	.....	.....	.....	.....
28	27.50	23.32	33.48	23.50	22.95	.....	.....	.....	.....	.....	.....	.....
29	27.60		23.60	23.65	22.68	.....	.....	.....	.....	.....	.....	.....
30	27.70		23.55	23.90	22.42	.....	.....	.....	.....	.....	.....	.....
31	27.70		23.42		22.15	.....	.....	.....	.....	.....	.....	.....

Mississippi River.—Baton Rouge, La., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	14.10	31.80	26.80	27.08	28.20	25.70	24.75	15.40	9.60	13.50	5.00	12.60
2	14.60	31.90	26.30	26.78	28.55	25.45	24.80	14.50	9.10	12.90	5.15	11.90
3	15.60	31.80	25.90	26.70	28.80	25.15	24.90	13.55	8.45	12.30	5.55	11.00
4	17.35	31.85	25.10	26.55	29.05	24.90	24.95	12.75	7.90	11.50	6.10	10.30
5	19.30	31.85	24.50	26.25	29.20	24.50	25.00	11.85	7.50	10.70	6.60	9.80
6	21.20	31.85	23.90	25.90	29.50	24.20	25.00	11.25	7.50	9.90	7.40	9.35
7	22.75	31.74	23.20	25.88	29.65	24.05	25.00	10.65	7.55	9.40	7.50	9.15
8	24.10	31.70	22.70	26.05	29.75	23.90	24.95	10.30	7.75	8.90	7.40	9.00
9	25.25	31.68	22.20	25.70	29.85	23.90	24.70	10.10	8.00	8.20	7.30	9.15
10	26.20	31.40	21.95	25.50	30.00	24.15	24.50	10.00	8.38	7.95	6.85	8.80
11	27.00	31.20	21.70	25.15	30.15	24.30	24.10	9.95	8.60	7.60	6.70	8.65
12	27.62	30.95	21.80	24.95	30.15	24.50	23.50	9.95	9.50	7.40	7.00	8.50
13	28.10	30.70	21.85	24.80	30.15	24.65	23.00	9.90	9.80	7.20	7.60	8.50
14	28.55	30.50	22.05	24.78	30.15	24.80	22.50	9.90	10.10	6.70	8.50	8.50
15	28.90	30.00	22.45	24.98	30.15	24.85	21.90	9.90	10.32	6.60	9.30	8.20
16	29.30	29.60	22.90	25.15	30.15	24.92	21.55	9.90	10.58	6.70	9.90	7.90
17	29.60	29.25	23.40	25.50	30.08	24.90	21.25	10.00	10.90	6.78	10.75	7.90
18	29.80	29.00	23.85	25.80	30.00	24.75	20.95	10.10	11.35	6.60	11.70	8.05
19	29.95	28.90	24.35	26.15	30.00	24.55	20.75	10.20	12.00	6.50	12.75	8.15
20	30.15	28.70	24.70	26.50	29.70	24.30	20.55	10.35	12.50	6.40	13.50	8.50
21	30.60	28.60	25.10	26.80	29.45	24.10	20.35	10.55	13.00	6.30	14.20	8.80
22	30.80	28.50	25.85	27.00	29.20	23.75	20.00	10.75	13.45	6.10	14.70	9.15
23	31.10	28.45	26.10	27.10	28.95	23 60	19.70	11.00	13.75	5.80	15.10	9.50
24	31.20	28.35	26.35	27.25	28.50	23.50	19.35	11.20	13.95	5.50	15.40	9.85
25	31.40	27.80	26.75	27.30	28.10	23.50	19.20	11.40	14.20	5.10	15.50	10.30
26	31.50	27.60	27.05	27.28	27.70	23.65	18.95	11.40	14.65	5.25	15.40	10.75
27	31.50	27.35	27.25	27.38	27.30	23.90	18.75	11.40	14.65	5.35	15.15	11.35
28	31.70	27.15	27.25	27.40	26.90	24.25	18.30	11.28	14.60	5.15	14.75	12.05
29	31.80		27.50	27.65	26.65	24.45	17.70	11.05	14.35	5.00	14.00	12.75
30	31.90		27.25	27.95	26.35	24.60	16.95	10.70	14.00	4.75	13.35	13.55
31	31.90		27.15		26.05		16.20	10.10		4.65		13.95

Mississippi River.—Baton Rouge, La., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	14.00	19.85	27.45	21.25	31.05	32.10	25.80	9.75	5.25	4.20	2.70	4.90
2	13.90	20.00	27.65	21.50	31.25	32.10	25.65	9.40	5.35	4.15	2.65	5.75
3	14.20	20.20	27.95	22.15	31.30	32.05	25.50	9.20	5.40	4.05	2.60	6.85
4	14.40	20.50	28.25	23.15	31.25	32.00	25.30	8.90	5.70	3.90	2.50	8.40
5	13.90	20.85	28.90	24.25	31.20	32.00	24.95	8.60	5.75	3.70	2.40	9.50
6	13.55	21.10	28.40	24.80	31.20	32.00	24.70	8.30	5.75	3.50	2.55	10.40
7	13.40	21.20	28.40	25.60	31.22	31.90	24.65	8.00	5.75	3.25	2.50	11.30
8	13.25	21.20	28.40	26.20	31.40	31.75	24.60	7.70	5.75	3.35	2.45	12.05
9	13.10	21.15	28.55	26.80	31.43	31.45	24.60	7.50	5.85	3.50	2.40	12.70
10	13.20	21.00	28.55	27.45	31.47	31.10	24.45	7.25	5.55	3.95	2.45	13.00
11	13.50	20.90	28.55	27.90	31.50	30.70	24.25	7.10	5.25	4.40	2.50	13.05
12	14.10	20.70	28.45	28.20	31.52	30.10	23.90	6.70	5.00	*7.50	2.55	12.75
13	14.85	20.35	28.40	28.50	31.55	29.50	23.30	6.40	4.75	5.50	2.65	12.40
14	15.80	20.00	28.30	28.80	31.55	28.70	22.70	6.25	4.65	4.50	2.80	11.50
15	17.60	19.60	28.20	29.00	31.55	27.90	22.00	6.25	4.60	3.75	2.75	10.50
16	18.45	19.25	27.90	29.30	31.65	27.05	21.20	6.45	4.75	3.75	2.95	9.60
17	19.25	19.00	27.60	29.40	31.75	26.65	20.30	6.70	5.00	3.80	2.75	8.80
18	20.20	18.95	27.30	29.45	31.75	26.80	19.30	6.95	5.00	3.90	2.65	8.15
19	20.95	19.45	26.90	29.55	31.80	26.40	18.40	7.55	5.30	4.00	2.45	7.50
20	21.30	20.55	26.50	29.60	31.80	26.28	17.60	7.65	5.45	3.80	2.25	6.75
21	21.55	22.00	26.00	29.65	31.80	26.20	16.60	7.75	5.40	3.40	2.40	6.33
22	21.60	23.30	25.50	29.70	31.80	26.55	15.70	7.00	5.10	3.25	2.60	5.98
23	21.50	24.40	24.90	29.75	31.80	26.65	14.80	6.75	4.75	3.00	2.90	5.75
24	21.35	25.30	24.25	29.80	31.80	26.65	14.00	6.30	4.60	3.10	3.00	5.60
25	21.05	25.90	23.50	29.95	31.80	26.60	13.40	5.95	4.75	3.00	3.10	5.50
26	20.80	26.35	22.90	30.10	31.80	26.50	12.80	5.70	4.65	3.00	3.00	5.48
27	20.50	26.60	22.40	30.40	31.85	26.35	12.60	5.45	4.55	3.00	2.90	5.48
28	20.20	27.10	21.90	30.85	31.90	26.20	12.00	5.30	4.45	3.00	3.10	5.75
29	20.10		21.50	30.75	32.00	26.10	11.10	5.30	4.35	3.00	3.60	6.00
30	19.90		21.35	30.82	32.05	25.90	10.55	5.25	4.30	2.90	4.00	6.25
31	19.85		21.05		32.10		10.10	5.20		2.80		7.10

*Great storm on Gulf coast.

Mississippi River.—Port Hickey, La., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	23.52	42.80	36.60	37.15	38.60	35.50	.....	.....	.....	.....	.....	.....
2	24.40	42.80	36.30	36.95	38.95	35.20	.....	.....	.....	.....	.....	.....
3	25.18	42.80	35.50	36.75	39.25	34.90	.....	.....	.....	.....	.....	.....
4	26.62	42.80	34.82	36.55	39.55	34.55	.....	.....	.....	.....	.....	.....
5	29.55	42.80	34.05	36.15	39.75	34.20	.....	.....	.....	.....	.....	.....
6	31.72	42.80	33.35	35.95	40.05	33.90	.....	.....	.....	.....	.....	.....
7	33.50	42.80	32.65	35.90	40.23	33.80	.....	.....	.....	.....	.....	.....
8	34.80	42.73	32.15	35.90	40.35	33.80	.....	.....	.....	.....	.....	.....
9	35.90	42.58	31.75	35.75	40.55	33.80	.....	.....	.....	.....	.....	.....
10	36.80	42.28	31.45	35.45	40.60	33.95	.....	.....	.....	.....	.....	.....
11	37.55	41.93	31.40	35.10	40.60	34.15	.....	.....	.....	.....	.....	.....
12	38.25	41.55	31.40	34.85	40.70	34.40	.....	.....	.....	.....	.....	.....
13	38.82	41.13	31.55	34.78	40.80	34.50	.....	.....	.....	.....	.....	.....
14	39.02	40.83	31.78	34.80	40.80	34.55	.....	.....	.....	.....	.....	.....
15	39.15	40.45	32.20	35.05	40.80	34.65	.....	.....	.....	.....	.....	.....
16	40.05	40.12	32.75	35.25	40.70	34.65	.....	.....	.....	.....	.....	.....
17	40.25	39.72	33.45	35.55	40.70	34.45	.....	.....	.....	.....	.....	.....
18	40.45	39.45	33.92	35.90	40.55	34.40	.....	.....	.....	.....	.....	.....
19	40.63	39.20	34.28	36.25	40.35	34.30	.....	.....	.....	.....	.....	.....
20	40.80	38.97	34.75	36.58	40.15	34.05	.....	.....	.....	.....	.....	.....
21	41.05	38.88	35.40	36.82	39.90	33.75	.....	.....	.....	.....	.....	.....
22	41.45	38.75	35.75	37.10	39.65	33.45	.....	.....	.....	.....	.....	.....
23	41.73	38.55	36.10	37.25	39.25	33.30	.....	.....	.....	.....	.....	.....
24	41.98	38.65	36.40	37.45	38.80	33.25	.....	.....	.....	.....	.....	.....
25	42.23	38.60	36.85	37.50	38.25	33.45	.....	.....	.....	.....	.....	.....
26	42.43	38.20	37.20	37.55	37.80	33.65	.....	.....	.....	.....	.....	.....
27	42.50	37.88	37.40	37.65	37.45	33.95	.....	.....	.....	.....	.....	.....
28	42.50	37.35	37.40	37.60	37.15	34.15	.....	.....	.....	.....	.....	.....
29	42.58		37.40	37.90	36.70	34.35	.....	.....	.....	.....	.....	.....
30	42.68		37.40	38.25	36.35	34.50	.....	.....	.....	.....	.....	.....
31	42.78		37.30		36.10		.....	.....		.....		.....

Mississippi River.—Red River Landing, La., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	20.30	41.85	34.70	35.00	36.80	33.20	32.30	22.60	14.40	19.40	7.40	17.80
2	21.05	41.90	34.05	34.75	37.20	32.90	32.40	21.70	13.60	18.60	8.45	16.80
3	22.75	41.92	33.35	34.60	37.60	32.50	32.45	20.80	13.00	17.70	8.85	15.80
4	25.00	41.94	32.40	34.30	38.00	32.10	32.55	20.05	12.55	16.80	9.55	14.80
5	27.25	41.96	31.45	33.90	38.25	31.70	32.65	19.35	12.10	15.65	10.10	14.10
6	29.35	41.96	30.60	33.40	38.50	31.35	32.75	18.75	12.20	14.65	10.70	13.55
7	31.20	41.83	29.95	33.60	38.80	31.20	32.80	18.20	12.30	13.65	11.00	13.10
8	32.50	41.72	29.38	33.70	39.00	31.10	32.80	17.85	12.70	12.85	11.00	12.85
9	33.86	41.50	28.95	33.50	39.05	31.25	32.60	17.55	13.00	12.20	10.70	12.75
10	34.98	41.20	28.68	33.15	39.15	31.50	32.10	17.30	13.60	11.80	10.50	12.50
11	35.80	40.90	28.51	32.80	39.25	31.70	31.60	17.05	14.30	11.40	10.60	12.40
12	36.50	40.60	28.55	32.55	39.30	32.00	31.00	16.95	14.85	11.15	11.10	12.35
13	37.06	40.20	28.71	32.40	39.30	32.15	30.40	16.85	15.20	10.90	11.80	12.50
14	37.55	39.75	29.02	32.50	39.35	32.30	29.90	16.75	15.50	10.70	13.00	12.40
15	37.88	39.30	29.50	32.65	39.35	32.35	29.25	16.65	15.75	10.65	14.00	12.25
16	38.45	38.90	30.09	33.00	39.27	32.35	29.10	16.50	16.05	10.65	15.00	12.15
17	38.80	38.45	30.68	33.35	39.10	32.25	28.80	16.25	16.55	10.60	16.70	12.10
18	39.15	38.05	31.30	33.70	38.95	32.10	28.50	16.20	17.20	10.40	17.75	12.15
19	39.40	37.75	31.90	34.10	38.80	31.80	28.20	16.40	18.00	10.20	18.90	12.20
20	39.75	37.50	32.35	34.45	38.60	31.50	28.00	16.60	18.75	9.80	19.85	12.50
21	40.05	37.35	32.85	34.75	38.30	31.25	27.80	16.80	19.20	9.30	20.65	12.82
22	40.30	37.15	33.50	34.85	37.90	31.00	27.50	17.15	19.60	8.70	21.15	13.32
23	40.65	36.95	34.00	35.00	37.45	30.80	27.25	17.45	20.00	8.10	21.65	13.82
24	41.00	36.80	34.30	35.35	37.00	30.70	27.00	17.70	20.25	7.50	21.85	14.40
25	41.20	36.85	34.55	35.45	36.45	30.80	26.65	17.40	20.50	7.05	21.85	15.00
26	41.35	36.50	34.95	35.50	35.90	31.10	26.25	17.35	20.75	6.70	21.65	15.80
27	41.50	36.00	35.15	35.55	35.35	31.40	25.85	17.20	20.90	7.08	21.25	16.80
28	41.60	35.40	35.20	35.75	34.90	31.65	25.25	16.80	20.75	7.25	20.65	17.80
29	41.65		35.35	36.05	34.45	31.90	24.65	16.20	20.50	7.50	19.75	18.60
30	41.75		35.28	36.40	34.05	32.10	24.00	15.60	20.00	7.70	18.85	19.25
31	41.80		35.15		33.65		23.10	15.00		7.88		19.45

Mississippi River.—Red River Landing, La., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	19.50	?28.20	35.65	28.20	41.10	41.92	33.45	?15.35	? 9.87	?6.00	?3.00	8.00
2	19.40	?28.40	35.90	28.75	41.10	41.87	33.20	?14.95	? 9.92	?5.85	?2.95	9.70
3	20.10	?28.90	36.30	29.55	41.10	41.83	32.95	?14.65	? 9.97	?5.60	?2.95	11.70
4	20.00	?29.35	36.60	30.55	41.10	41.80	32.75	?14.35	?10.05	?5.35	?2.90	13.60
5	19.75	?29.60	37.10	31.55	41.10	41.70	32.50	?13.95	?10.00	?5.15	?2.85	15.60
6	19.50	?29.75	37.15	32.55	41.10	41.55	32.35	?13.65	?9.95	?4.95	?2.85	16.60
7	19.25	?29.80	37.25	33.45	41.10	41.45	32.25	?13.35	?9.90	?4.90	?2.70	17.80
8	19.10	?29.75	37.30	34.30	41.15	41.15	32.20	?12.95	8.30	?4.95	?2.85	18.60
9	19.20	?29.60	37.30	34.95	41.25	40.75	32.15	?12.65	?8.22	?5.10	?3.05	19.00
10	19.45	?29.30	37.25	35.65	41.25	40.25	31.90	?12.35	?8.02	?5.30	?3.20	19.10
11	20.15	?28.95	37.15	36.10	41.30	39.50	31.50	?12.10	?7.67	?5.50	2.85	19.10
12	22.00	?28.55	37.10	36.55	41.35	38.70	30.90	?11.75	?7.32	*6.95	2.95	18.50
13	22.60	?28.05	37.05	36.90	41.35	37.80	?30.25	?11.45	?7.17	?7.10	2.90	18.00
14	23.20	?27.50	36.90	37.20	41.38	36.85	?29.60	?11.25	?7.07	?6.40	2.95	17.10
15	24.70	?27.00	36.60	37.45	41.38	35.80	?28.75	?11.30	?7.37	?5.90	2.85	16.00
16	26.00	?26.60	36.20	38.00	41.38	34.85	?27.90	?11.60	?7.57	?5.75	2.80	15.00
17	27.20	?26.40	35.80	38.25	41.38	34.75	?27.00	?12.10	?7.40	?5.70	3.30	13.60
18	28.20	?26.30	35.40	38.50	41.41	34.55	?26.20	?12.50	?7.25	?5.65	3.05	12.10
19	29.00	?27.70	34.85	38.58	41.45	34.20	?25.30	?12.75	?7.25	?5.50	2.80	11.50
20	29.50	?29.25	34.25	38.68	41.47	34.00	?24.20	?12.85	?7.15	?5.35	2.75	10.70
21	29.70	?30.55	33.55	38.78	41.54	34.15	?23.25	?12.65	?6.75	?5.15	2.75	10.00
22	29.85	?31.80	32.90	38.90	41.60	34.35	?22.30	?12.15	?6.45	?4.85	2.95	9.50
23	29.75	32.25	32.10	39.05	41.60	34.50	?21.55	?11.65	?6.30	?4.70	3.10	8.90
24	29.40	33.10	31.30	39.15	41.63	34.50	?20.80	?11.10	?6.15	?4.50	3.50	8.60
25	29.10	33.85	30.50	39.25	41.67	34.40	?20.05	?10.55	?6.15	?4.35	3.60	8.20
26	28.90	?34.40	29.65	39.45	41.75	34.25	?19.30	?10.20	?6.15	?4.15	3.70	8.20
27	28.65	?34.85	29.05	39.75	41.80	34.15	?18.50	?10.30	?6.20	?3.95	4.00	8.10
28	28.40	35.50	28.45	40.40	41.85	34.00	?17.85	?10.05	?6.20	?3.75	4.50	8.40
29	28.20		28.05	40.50	41.91	33.85	?17.10	? 9.97	?6.25	?3.55	5.30	8.90
30	28.10		27.85	40.75	41.93	33.70	?16.45	? 9.77	?6.10	?3.35	6.50	9.90
31	28.10		27.85		41.94		?15.90	? 9.77		?3.20		11.50

* Great storm on Gulf coast.

Mississippi River.—Natchez, Miss., 1885.

Day	January.	February.	March.	April.	May	June.	July.	August.	September.	October	November.	December.
1	18.50	42.50	32.00	35.00	37.90	32.00	34.10	21.65	15.10	20.30	8.60	18.00
2	19.80	42.55	31.00	34.60	38.40	31.40	34.30	20.40	14.50	19.40	9.50	16.80
3	22.00	42.60	29.80	34 40	39.00	31.00	34.40	19.60	14.00	18.40	10.30	15.90
4	24.80	42.60	28.70	34.10	39.45	30.60	34.60	18.85	13.70	17.40	10.90	15.20
5	27.00	42.60	27.70	33.40	39.85	30 20	34.60	18.30	13.50	16.20	11.40	14.50
6	29.40	42.50	26.90	32.70	40.25	30.00	34.60	17.75	13.90	15.10	11.50	14.00
7	31.40	42.30	26.40	33.30	40.60	30.20	34.55	17.50	14.10	14.25	11.70	13.60
8	33.00	42.00	26.00	33.00	40.75	30.50	34.35	17.25	14.40	13.40	11.70	13.20
9	34.30	41.70	25.90	32.70	40.90	31.00	33.90	17.10	14.75	12.90	11.40	13.10
10	35.30	41.00	25.90	32.10	41.10	31.50	33.25	17.00	15.35	12.40	11.30	13.00
11	36.10	40.40	26.10	31.60	41.10	32.00	32.50	16.80	16.10	12.10	11.75	12.90
12	36.70	39.90	26 40	31.40	41.20	32.40	31.60	16.75	16.50	11.90	12.60	12.80
13	37.30	39.30	26.90	31.50	41.20	32.65	31.00	16.70	16.80	11.75	14.00	12.90
14	37.70	38 50	27.50	32.00	41.20	32.85	30.50	16.65	17.10	11.75	15.00	12.80
15	38.10	38.00	28.50	32.40	41.00	32.90	30.10	16.65	17.35	11.75	16.00	12.70
16	39.00	37.40	29.25	33 00	40.75	32.90	29.80	16.70	17.70	11.65	17.00	12.60
17	39.60	36.90	30.25	33 50	40.40	32.70	29.50	16.80	18.40	11.50	18.50	12.60
18	40.00	36.50	31.10	34.00	40.10	32.40	29.30	17 20	19.20	11.20	20.00	12.60
19	40.20	36.25	31.60	34.50	39.70	32.20	29.10	17.50	20.00	10.80	21.00	12.85
20	40.40	36.00	32.10	35.00	39.10	32.00	29.00	17.90	20.80	10.20	22.00	13.00
21	40.80	35.85	32.70	35.20	38.40	31.70	28.75	18.20	21.20	9.70	22.70	13.50
22	41.00	35.65	33.30	35.40	37.80	31.50	28.50	18.45	21.60	9.10	23.30	14.10
23	41.30	35.45	33.90	35.40	37.00	31.60	28 25	18.80	21.90	8.60	23.60	14.70
24	41.60	35.20	34.40	35.75	36.10	31.85	28.00	19.10	22.25	8.00	23.70	15.50
25	42.00	35.35	34.80	35.75	35.40	32.25	27.60	19.10	22.50	7.50	23.40	16.30
26	42.00	34.75	35.20	35.75	34.60	32.70	27.00	18.95	22.60	7.00	23.00	17.30
27	42.10	34.00	35.40	35.80	34.00	33.10	26.40	18.50	22.60	6.50	22.30	18.60
28	42.30	33.00	35.50	36.15	33.50	33.45	25.60	17.90	22.30	6.80	21.40	19.60
29	42.30		35.50	36.65	33.00	33.70	24.75	17.10	21.90	7.00	20.30	20.30
30	42.35		35.45	37.30	32.70	33.90	23.75	16.30	21.20	7.35	19.30	20.60
31	42.40		35.20		32.20		22.75	15.70		7.70		20.80

Mississippi River.—Natchez, Miss., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	20.50	27.20	37.80	28.00	43.50	42.70	31.60	15.30	9.90	6.60	3.30	10.10
2	20.20	27.50	38.00	29.10	43.45	42.60	31.50	14.80	9.90	6 40	3.20	12.10
3	20.00	28.00	38.40	30.40	43.45	42.55	31.40	14.50	9.90	6.30	3.20	14.20
4	19.80	28.50	38.60	31.70	43.45	42.40	31.30	14.20	9.80	6.30	3.15	16.20
5	19.70	28.70	38.90	33.00	43.60	42.25	31.30	13.80	9 70	6.20	3.05	17.70
6	19.30	28.90	39.10	34.10	43.60	41.90	31.50	13.60	9.60	6.10	3.00	19.00
7	18 90	28.90	39.10	35.10	43.65	41.60	31.70	13.20	9.50	6.10	2.90	19.80
8	19.00	28.80	39.10	36.00	43.70	41.10	31.90	12.90	9.30	6.10	2.80	20.50
9	19.20	28.50	39.00	36.80	43.75	40.30	31.90	12.60	9.10	6.20	3.24	20.80
10	19.60	28.00	38.90	37.50	43.75	39.30	31.70	12.30	8.80	6.30	3.39	20.80
11	20.10	27.70	38.60	38.10	43.75	38.10	31.40	12.10	8.60	6.40	3 50	20.20
12	21.45	27.50	38.50	38.50	43.70	36.70	30.80	11.80	8.30	6.50	3.55	19.50
13	22.80	26.90	38.30	38.90	43.60	35.30	30.20	11.60	8.00	6.70	3.50	18.70
14	24.20	26.40	37.90	39.20	43.50	34.00	29.30	11.60	8 30	6.70	3.40	17.60
15	25.60	25.90	37.30	39.50	43.40	32.70	28.40	12.00	8.70	6.70	3.20	16.30
16	26.80	25.50	36.70	40.10	43.25	31.50	27.60	12.50	8.70	6.60	3.05	15.00
17	27.70	25.70	36.10	40.40	43.10	?31.75	26.40	13.20	8.50	6.40	3.15	13.60
18	28.30	27.00	35.30	40.65	43.00	30.60	25.20	13.40	8.30	6.20	3.55	12.50
19	28.90	28.50	34.40	40.80	43.00	29 90	24 50	13.40	8.10	6.00	3.55	11.50
20	29.10	30.50	33.60	41.00	43.00	29.70	23.60	13.10	7.80	5.80	3.35	10.70
21	29.10	32.00	32.75	41.10	42.95	29.90	22.75	12.70	7.50	5.60	3.30	10.10
22	28.85	33.30	31.90	41.30	42.90	30.50	21.90	12.20	7.30	5.50	3.30	9 60
23	28 65	34.40	30.70	41.50	42.85	30.70	21.20	11.70	7 10	5.50	3.50	9.20
24	28.20	35.30	29.75	41.70	42.80	30.90	20.50	11.10	6.80	5.20	3.90	8.80
25	27.80	36.00	28.70	41.80	42.80	31.00	19.70	10.70	6.60	4.90	4.20	8.60
26	27.50	36.50	27.80	42.10	42.75	31.10	18.90	10.30	6.60	4.60	4.60	8.60
27	27.20	36 70	27.00	42.50	42.75	31.30	18.10	10.00	6.80	4.30	5.25	8.70
28	27.00	37.30	26.70	43.10	42.75	31.50	17.20	9.70	6.90	4.10	6.20	9.30
29	26.80		26.55	43.20	42.70	31 60	16.80	9.60	6.90	3.90	7.20	10.30
30	26.80		26 75	43.50	42 65	31.60	16.40	9.60	6.70	3.70	8.45	11.75
31	27.00		27.10		42.75		15.80	9.80		3.50		13.20

Mississippi River.—St. Joseph, La., 1885.

Day	January.	February.	March.	April.	May	June.	July.	August.	September.	October	November.	December.
1	14.40	38.29	25.75	30.39	33.91	.....	.....	.....	.....	.....	.....	.....
2	16.76	38.34	24.55	29.90	34.55	.....	.....	.....	.....	.....	.....	.....
3	19.30	38.37	23.34	29.78	35.12	.....	.....	.....	.....	.....	.....	.....
4	21.90	38.35	22.26	29.18	35.62	.....	.....	.....	.....	.....	.....	.....
5	24.23	38.27	21.46	28.30	36.06	.....	.....	.....	.....	.....	.....	.....
6	26.32	38.13	20.90	27.54	36.43	.....	.....	.....	.....	.....	.....	.....
7	28.22	37.80	20.54	28.41	36.75	.....	.....	.....	.....	.....	.....	.....
8	29.70	37.38	20.41	28.10	36.93	.....	.....	.....	.....	.....	.....	.....
9	30.78	36.81	20.40	27.56	36.99	.....	.....	.....	.....	.....	.....	.....
10	31.70	36.09	20.59	26.91	37.14	.....	.....	.....	.....	.....	.....	.....
11	32.30	35.28	20.94	26.58	37.19	.....	.....	.....	.....	.....	.....	.....
12	32 74	34.55	21.50	26.67	37.15	.....	.....	.....	.....	.....	.....	.....
13	33.20	33.83	22.08	26.97	37.17	.....	.....	.....	.....	.....	.....	.....
14	33.69	33.15	22.82	27.50	37.12	.....	.....	.....	.....	.....	.....	.....
15	33.95	32.58	23.78	28.16	36.83	.....	.....	.....	.....	.....	.....	.....
16	34.98	32.10	24.76	28.80	36.47	.....	.....	.....	.....	.....	.....	.....
17	35.42	31.61	25.62	29.41	36.04	.....	.....	.....	.....	.....	.....	.....
18	35.74	31.27	26.32	29.97	35.53	.....	.....	.....	.....	.....	.....	.....
19	35.99	31.04	27.23	30.45	34.92	.....	.....	.....	.....	.....	.....	.....
20	36.31	30.85	28.18	30.80	34.09	.....	.....	.....	.....	.....	.....	.....
21	36.63	30.66	28.80	31.04	33.12	.....	.....	.....	.....	.....	.....	.....
22	36.81	30.46	29.48	31.08	32.32	.....	.....	.....	.....	.....	.....	.....
23	37.28	30.12	30.06	31.14	31.34	.....	.....	.....	.....	.....	.....	.....
24	37.64	30.02	30.44	31.36	30.40	.....	.....	.....	.....	.....	.....	.....
25	37.78	29.72	30.80	31.25	29.59	.....	.....	.....	.....	.....	.....	.....
26	37.87	28.92	31.14	31.22	28.81	.....	.....	.....	.....	.....	.....	.....
27	38.04	27.96	31.19	31.52	28.19	.....	.....	.....	.....	.....	.....	.....
28	38.09	26.84	31.22	32.08	27.84	.....	.....	.....	.....	.....	.....	.....
29	38.17		31.21	32.69	27.40	.....	.....	.....	.....	.....	.....	.....
30	38.22		30.99	33.32	26.97	.....	.....	.....	.....	.....	.....	.....
31	38.28		30.72		26.58	.....	.....	.....	.....	.....	.....	.....

Mississippi River.—Vicksburg, Miss., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	17.25	42.35	27.50	33.30	37.90	28.50	33.30	18.50	13.25	18.20	7.95	15.30
2	20.40	42.35	26.00	32.70	38.45	28.10	33.45	17.60	12.75	17.10	8.95	14.35
3	23.55	42.40	24.70	32.25	39.00	27.70	33.60	17.00	12.30	15.85	9.60	13.40
4	25.90	42.30	23.60	31.45	39.50	27.40	33.70	16.90	12.00	14.70	10.00	12.85
5	28.55	42.20	23.00	30.50	40.00	27.20	33.70	16.30	12.10	13.60	10.10	12.30
6	31.00	41.80	22.60	29.55	40.40	27.35	33.50	16.00	12.50	12.60	9.90	11.90
7	32.80	41.45	22.45	29.45	40.60	27.90	33.20	16.00	12.90	11.90	9.90	11.50
8	34.20	40.70	22.45	29.05	40.70	28.55	32.60	16.00	13.35	11.10	9.50	11.30
9	35.25	40.00	22.70	28.60	40.80	29.30	31.80	15.90	14.05	10.45	9.60	11.50
10	36.05	39.00	23.00	28.40	40.90	29.90	30.80	15.80	14.75	10.35	10.10	11.30
11	36.70	38.20	23.50	28.35	40.90	30.40	29.85	15.70	15.15	10.25	11.20	11.10
12	37.25	37.40	24.25	28.70	40.90	30.80	29.10	15.50	15.50	10.15	12.60	10.90
13	37.60	36.60	25.05	29.45	40.70	31.00	28.65	15.50	15.90	10.20	14.00	11.00
14	37.95	36.00	26.20	30.15	40.45	31.10	28.30	15.50	16.15	10.05	15.10	10.90
15	38.45	35.45	27.45	30.95	40.10	30.90	28.10	15.60	16.40	10.25	16.40	10.85
16	39.10	34.90	28.55	31.72	39.65	30.75	27.90	15.85	17.05	10.05	17.80	11.00
17	39.80	34.50	29.45	32.40	39.10	30.50	27.90	16.10	18.15	10.05	19.25	11.10
18	40.20	34.20	30.20	33.00	38.40	30.20	27.80	16.50	19.30	9.50	20.70	11.40
19	40.45	33.95	30.85	33.50	37.60	29.90	27.50	16.85	20.10	9.00	21.70	11.70
20	40.70	33.90	31.50	33.80	36.80	29.65	27.25	17.15	20.70	7.80	22.50	12.15
21	41.00	33.75	32.20	34.00	35.95	29.50	27.00	17.50	20.90	7.20	22.90	12.80
22	41.20	33.45	32.95	34.00	34.90	29.70	26.80	17.90	21.25	6.65	23.20	13.50
23	41.35	33.00	33.45	34.00	33.80	30.00	26.55	18.25	21.50	6.10	23.20	14.30
24	41.70	32.70	33.92	34.00	32.70	30.65	26.10	18.35	21.90	5.65	22.90	15.20
25	41.80	22.20	34.25	34.00	31.80	31.30	25.50	18.10	21.90	5.20	22.30	16.50
26	41.90	31.30	34.50	34.10	31.00	31.90	24.80	17.55	21.70	4.90	21.30	17.80
27	42.00	30.20	34.60	34.60	30.50	32.30	23.95	16.85	21.50	4.90	20.20	19.00
28	42.00	28.80	34.60	35.40	30.00	32.55	22.90	16.00	20.95	5.30	19.00	19.70
29	42.20		34.45	36.20	29.75	32.80	22.00	15.20	20.15	5.55	17.80	20.00
30	42.20		34.15	36.95	29.35	33.00	21.00	14.50	19.20	5.95	16.60	20.05
31	42.25		33.80		28.90		20.00	13.80		6.70		19.60

Mississippi River.—Vicksburg, Miss., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	18.90	26.10	37.95	27.85	43.75	41.85	28.85	13.50	8.35	4.40	0.55	10.75
2	18.60	26.50	38.15	29.35	43.80	41 70	28.85	13.20	8.35	4.15	0.45	13.10
3	18.40	27.00	38.50	30 90	43.90	41.55	28.90	12.85	8.25	3.95	0.30	15.20
4	17.90	27.40	38.70	32.40	43.95	41.20	29.10	12.35	8.15	3.80	0.25	17.20
5	17.50	27.80	38.90	33.90	44.00	40.80	29.45	12.10	8.00	3.75	0.20	19.15
6	17.10	27.80	38.95	34.90	44.10	40.15	29.90	11.70	7.90	3.80	0.30	19.70
7	16.95	27.55	38.90	35.80	44.15	39.35	30.15	11.40	7.70	3.85	0.40	20.30
8	17.30	27.15	38.80	36.50	44.15	38.30	30.30	11.20	7.40	3.90	0.40	20.50
9	17.70	26.50	38.60	37.20	44.15	37.00	30.15	11.00	7.10	4.00	0.50	20.50
10	18.60	25.80	38.30	37.80	44.10	35.55	29.80	10.70	6.70	4.10	0.50	20.00
11	19.95	25.30	37.90	38.35	44.00	33.90	29.25	10.30	6.35	4.20	0.60	19.00
12	21.50	25.00	37.50	38.85	43.90	32.15	28.50	10.15	6.10	4.30	0.60	17.70
13	23.00	24.40	37.00	39.20	43.70	30.50	27.75	10.10	6.10	4.35	0.40	16.40
14	24.30	23.90	36.30	39.60	43.50	28.90	26.85	10.50	6.35	4.50	0 20	14.80
15	25.60	23.65	35.50	39.90	43.30	27.50	25.90	11.20	6.45	4.40	0.10	13.30
16	26.75	23.85	34.65	40 30	43.10	26.35	24.90	11.80	6.50	4.15	0.00	11.55
17	27.40	25.00	33.70	40 70	42.90	25.95	23.90	12.15	6.45	3.90	0.10	10.15
18	27.90	27.20	32.75	41.00	42.70	25.50	22.95	12.20	6.30	3.60	0.15	9.25
19	28.10	29.50	31.70	41.20	42.60	25.35	22.10	12.00	5.95	3.35	0.05	8.35
20	28.00	31.50	30.65	41.45	42.60	25.70	21.40	11.55	5.55	3.20	0.10	7.60
21	27.65	33.00	29.60	41.65	42.50	26.25	20.50	11.00	5.10	3.00	0.30	7.15
22	27.15	34.10	28.50	41.90	42.45	26.75	19.85	10.35	4.75	2.80	0.50	6.75
23	26.70	35.10	27.40	42.10	42.40	27.15	19 10	9.75	4.55	2.60	0.80	6.50
24	26.30	35.70	26.45	42.25	42.30	27.50	18.25	9.20	4.60	2.30	1.20	6.40
25	25.75	36.20	25.50	42.40	42.25	27.80	17.50	8.75	4.75	2.00	1.75	6.30
26	25.40	36.70	24.75	42.80	42.20	28.10	16.80	8.40	4.85	1.70	2.45	6.55
27	25.25	36.80	24.30	43.00	42.20	28.40	16.15	8.10	4.90	1.40	3.50	7.10
28	25.15	37.55	24.25	43.30	42.15	28.65	15.50	7.90	4.80	1.10	5.00	8.35
29	25.25		24.50	43.50	42.10	28.75	14.70	8.00	4.65	0.90	6.50	10.30
30	25.45		25.30	43.70	42.05	28.80	14.20	8.20	4.50	0.75	8.50	12.20
31	25.75		26.50		41.95		13.80	8.30		0.65		14.00

Mississippi River.—Lake Providence, La., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	15.50	34.75	20.10	27.00	33.00	?22.20	28 20	15.25	12.00	14.90	8.95	12.78
2	18.20	34.75	19.00	26.40	33.70	?21.90	28.35	14.75	11.67	13.95	9.45	12.10
3	20.50	34.75	18.20	25.60	34.25	?21.60	28.38	14.40	11.50	13.05	9.65	11.75
4	23.00	34.65	17.45	24.85	34.70	?21.45	28.38	14.25	11.30	12.10	9.75	11.30
5	24.75	34.35	17.55	23.95	35.00	?21.60	28.20	14.20	11.38	11.30	9.65	11.00
6	25.65	33.85	17.45	23.10	35.20	?22.10	27.95	14.15	11.80	10.80	9.45	10.80
7	26.65	33.20	17.52	22.40	35.35	?22.80	27.35	14.13	12.20	10.43	9.25	10.62
8	27.75	32.40	17.77	22.15	35.50	?23.50	26.58	14.13	12.50	10.15	9.15	10.50
9	28.60	31.60	18.15	22.00	35.35	?24.15	25.70	14.10	12.95	9.95	9.40	10.50
10	29.45	30.65	18.60	22.05	35.55	?24.60	24.90	14.00	13.25	9.35	10.20	10.42
11	30.00	29.90	19.13	22.60	35.55	?25.00	24.10	13.85	?13.50	9.80	11.30	10.35
12	30.40	29.30	19.90	23.50	35.30	?25.20	23.80	13.75	?13.78	9.80	12.30	10.28
13	30.60	28.75	20.90	24.35	35.00	?25.25	23.55	13.75	?14.05	9.80	13.10	10.22
14	31.30	28.35	22.00	25.00	34.40	?25.15	23.40	13.75	?14.18	9.80	13.92	10.18
15	31.70	28.00	23.10	25.80	33.80	25.70	23.25	13.85	?14.49	9.78	15.10	10.20
16	32.50	27.65	24.00	26.40	33.10	25.40	23.20	14.10	?15.45	9.70	16.25	10.30
17	32.90	27.30	24.75	27.00	32.35	25.20	23.12	14.38	?16.40	9.50	17.05	10.38
18	33.15	27.15	25.40	27.55	31.55	24.90	23.00	14.63	?17.10	8.95	18.10	10.60
19	33.40	27.15	25.90	27.90	?30.45	24.70	22.75	14.88	?17.42	8.50	18.70	10.90
20	33.75	27.10	26.50	28.10	?29.45	24.55	22.55	15.10	?17.65	8.00	19.20	11.40
21	33.90	26.95	27.10	28.25	?28.20	24.55	22.35	15.52	17.88	7.60	19.30	11.95
22	34.05	26.55	27.70	28.35	?27.10	25.10	22.10	15.75	18.03	7.30	19.40	12.50
23	34.20	26.15	28.15	28.45	?26.10	25.58	21.72	15.85	18.35	6.95	19.20	13.00
24	34.35	25 60	28.40	28.55	?25.50	26.25	21.32	15.70	18.50	6.65	18.75	13.95
25	34.45	24.85	28.55	28.60	?24.90	26.85	20.65	15.35	18.50	6.43	18.15	15.10
26	34.50	23.90	28.60	29.00	?24.40	27.10	19.95	14.80	18.25	6.40	17.35	16.20
27	34.50	22.75	28.60	29.80	?24.05	27.35	19.10	14.18	17.90	6.50	16.40	16.60
28	34.55	21.45	28.57	30 65	?23.70	27.50	18.30	13.60	17.25	6.75	15.45	17.00
29	34.60		28.35	31.45	?23.30	27.75	17.35	13.08	16.50	7.00	14.35	17.00
30	34.65		28.05	32.20	?22.90	28.00	16.58	12.67	15.70	7.42	13.50	16.72
31	34.70		27.60		?22.50		15.82	12.28		8.10		16.15

Mississippi River.—Lake Providence, La., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	15.58	21.55	32.05	24.05	37.57	35.12	23.24	11.78	8.89	5.25	2.90	11.85
2	15.30	22.00	32.25	25.50	37.60	34.90	23.24	11.63	8.70	5.10	2.85	13.60
3	14.80	22.35	32.45	26.75	37.64	34.53	23.43	11.51	8.66	5.00	2.78	14.85
4	14.30	22.55	32.60	27.90	37.72	33.97	23.80	11.37	8.62	4.95	2.70	16.05
5	14.10	22.60	32.68	28.95	37.81	33.15	24.25	11.22	8.50	5.03	2.81	17.60
6	13.95	22.50	32.58	29.85	37.89	32.12	24.60	11.02	8.38	5.10	2.90	18.00
7	13.90	22.20	32.18	30.65	37.91	30.95	24.80	10.82	8.20	5.20	3.00	18.20
8	14.15	21.75	32.30	31.40	37.84	29.55	24.70	10.67	8.00	5.25	3.08	17.00
9	14.85	21.22	32.10	31.90	37.70	28.25	24.43	10.52	7.70	5.32	3.12	16.60
10	16.20	20.53	31.65	32.45	37.53	26.65	23.95	10.33	7.50	5.43	3.10	16.20
11	17.70	20.00	31.25	32.92	37.30	25.28	23.25	10.12	7.35	5.55	3.05	15.30
12	18.85	19.40	30.75	33.30	37.05	23.98	22.45	10.03	7.25	5.60	3.00	14.00
13	19.85	19.00	30.15	33.60	36.75	22.65	21.78	10.22	7.18	5.65	2.95	12.80
14	20.75	18.85	29.40	33.95	36.50	21.35	21.00	10.68	7.10	5.60	2.80	11.40
15	21.60	18.85	28.65	34.25	36.22	20.35	20.20	11.33	7.10	5.50	2.75	10.20
16	22.15	19.65	27.83	34.60	36.00	19.80	19.40	11.70	7.10	5.35	2.70	9.25
17	22.60	20.65	27.00	34.98	35.80	19.80	18.68	11.65	7.07	5.15	2.65	8.50
18	22.80	24.70	26.10	35.15	35.65	19.95	18.00	11.45	6.83	4.95	2.60	8.00
19	22.80	25.95	25.10	35.35	35.65	20.25	17.50	11.20	6.52	4.85	2.55	7.70
20	22.45	27.35	24.15	35.55	35.60	20.75	17.00	10.78	6.20	4.75	2.65	7.40
21	22.00	28.45	23.15	35.80	35.57	21.18	16.50	10.40	5.80	4.60	2.80	7.10
22	21.55	29.25	22.28	36.02	35.55	21.50	15.95	9.90	5.62	4.45	3.05	6.85
23	21.15	29.92	21.45	36.20	35.55	21.85	15.50	9.45	5.68	4.40	3.35	6.75
24	20.80	30.33	20.70	36.40	35.55	22.25	14.95	9.15	5.78	4.20	3.65	6.70
25	20.50	30.85	20.15	36.60	35.52	22.50	14.40	8.90	5.78	3.85	4.05	6.90
26	20.40	31.20	19.65	36.82	35.50	22.77	13.90	8.70	5.78	3.65	4.60	7.55
27	20.33	31.50	19.55	36.98	35.45	22.90	13.45	8.55	5.76	3.45	5.55	8.40
28	20.45	31.75	19.55	37.17	35.45	23.10	13.05	8.50	5.70	3.25	6.80	9.50
29	20.60		20.20	37.30	35.45	23.20	12.60	8.60	5.53	3.10	8.25	11.00
30	20.88		21.25	37.48	35.37	23.24	12.17	8.83	5.40	3.00	9.85	12.45
31	21.28		22.50		35.27		11.95	8.92		2.95		13.40

Mississippi River.—Greenville, Miss., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	20.40	37.60	20.82	28.80	35.95	25.23	31.32	16.98	13.67	16.48	11.75	14.62
2	23.08	37.52	20.02	28.00	36.55	24.93	31.45	16.58	13.45	15.52	12.12	14.18
3	25.52	37.35	19.65	27.08	37.10	24.73	31.38	16.42	13.30	14.65	12.18	13.82
4	27.72	36.95	19.48	26.15	37.50	24.90	31.20	16.41	13.45	13.87	12.07	13.53
5	29.60	36.30	19.52	25.35	37.83	25.50	30.82	16.45	13.80	13.25	11.90	13.25
6	30.92	35.37	19.70	24.70	37.93	26.30	30.22	16.42	14.32	12.75	11.65	13.08
7	31.78	34.35	20.00	24.30	38.03	27.10	29.45	16.40	14.80	12.45	11.48	12.97
8	32.50	33.35	20.45	24.00	38.05	27.78	28.50	16.38	15.20	12.25	11.65	12.95
9	33.02	32.25	21.05	24.10	37.98	28.28	27.50	16.28	15.60	12.13	12.45	12.95
10	33.45	31.30	21.62	24.70	37.85	28.70	26.70	16.17	16.00	12.10	13.72	12.87
11	33.92	30.60	22.38	25.65	37.60	28.95	26.42	16.08	16.35	12.10	14.95	12.80
12	34.25	30.12	23.45	26.62	37.20	29.03	26.30	16.05	16.68	12.12	16.02	12.72
13	34.58	29.82	24.60	27.48	36.73	28.90	26.20	16.07	16.87	12.23	16.93	12.70
14	35.10	29.62	25.75	28.25	36.10	28.63	26.12	16.25	17.10	12.17	18.13	12.72
15	35.78	29.35	26.72	28.95	35.38	28.33	26.08	16.58	18.07	12.00	19.58	12.85
16	36.25	29.12	27.42	29.62	34.60	28.10	26.05	16.92	19.35	11.65	20.95	12.98
17	36.50	29.02	27.95	30.18	33.77	27.80	25.90	17.23	20.22	11.18	21.97	13.15
18	36.73	29.00	28.48	30.52	32.93	27.50	25.70	17.52	20.73	10.65	22.62	13.58
19	36.83	29.08	29.12	30.75	32.02	27.33	25.50	17.83	20.95	10.20	23.02	14.10
20	37.00	29.02	29.78	30.83	31.15	27.48	25.38	18.17	21.15	9.75	23.28	14.68
21	37.08	28.80	30.40	30.70	30.28	27.88	25.18	18.58	21.45	9.35	23.27	15.25
22	37.15	28.38	30.85	30.47	29.33	28.48	24.85	18.70	21.70	8.98	23.10	15.92
23	37.25	27.70	31.15	30.35	28.52	29.18	24.38	18.57	21.82	8.67	22.60	16.85
24	37.33	26.95	31.30	30.35	27.98	29.75	23.75	18.15	21.78	8.40	21.80	18.10
25	37.37	25.92	31.32	30.73	27.52	30.18	22.88	17.40	21.55	8.30	20.72	19.40
26	37.40	24.78	31.28	31.68	27.18	30.40	21.98	16.65	21.05	8.45	19.55	20.38
27	37.40	23.48	31.18	32.68	26.90	30.58	21.08	15.93	20.30	8.68	18.35	20.75
28	37.42	22.15	30.90	33.55	26.60	30.78	20.15	15.30	19.45	9.00	17.20	20.68
29	37.50		30.58	34.38	26.22	31.05	19.18	14.80	18.50	9.40	16.15	20.20
30	37.57		30.12	35.23	25.85	31.23	18.30	14.40	17.50	10.10	15.28	19.52
31	37.60		29.55		25.53		17.52	14.05		11.02		18.68

Mississippi River.—Greenville, Miss., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	17.87	25.22	35.30	27.80	40.78	37.42	25.83	13.37	10.32	6.93	4.47	15.70
2	17.52	25.53	35.42	29.30	40.82	36.97	25.97	13.00	10.25	6.83	4.40	17.30
3	17.10	25.82	35.53	30.70	40.95	36.30	26.35	12.68	10.18	6.75	4.40	18.75
4	16.72	25.98	35.60	31.85	41.08	35.45	26.93	12.55	10.07	6.82	4.43	19.77
5	16.45	25.90	35.50	32.70	41.12	34.27	27.32	12.35	9.98	6.93	4.52	20.43
6	16.32	25.57	35.30	33.45	41.17	32.87	27.53	12.15	9.80	7.00	4.63	20.45
7	16.53	24.92	35.02	34.05	41.10	31.43	27.37	12.08	9.55	7.02	4.70	20.13
8	17.40	24.25	34.70	34.60	40.90	30.00	27.03	11.95	9.28	7.13	4.70	19.43
9	18.70	23.43	34.28	35.08	40.68	28.60	26.50	11.73	8.97	7.25	4.70	18.43
10	20.30	22.72	33.70	35.60	40.30	27.22	25.77	11.45	8.75	7.37	4.70	17.65
11	21.87	22.13	33.10	36.10	40.00	25.70	24.92	11.30	8.65	7.45	4.62	16.37
12	23.25	21.62	32.47	36.47	39.60	24.43	24.10	11.45	8.68	7.45	4.53	14.92
13	24.30	21.33	31.70	36.88	39.25	23.30	23.27	11.95	8.78	7.45	4.42	13.53
14	25.20	21.45	30.82	37.17	38.87	22.32	22.40	12.65	8.85	7.40	4.33	12.20
15	25.90	22.15	29.95	37.55	38.58	21.80	21.55	13.15	8.93	7.18	4.22	11.15
16	26.28	24.15	29.13	37.88	38.30	21.78	20.87	13.20	8.87	6.92	4.20	10.28
17	26.47	26.90	28.20	38.17	38.17	21.97	20.52	13.05	8.67	6.77	4.20	9.83
18	26.40	29.10	27.20	38.45	38.08	22.37	20.05	12.75	8.33	6.68	4.23	9.40
19	26.10	30.68	26.20	38.72	38.02	22.93	19.22	12.32	8.00	6.50	4.32	9.03
20	25.60	31.85	25.17	38.95	38.05	23.55	18.67	11.87	7.57	6.37	4.48	8.72
21	25.03	32.60	24.15	39.15	38.03	24.13	18.15	11.38	7.33	6.25	4.70	8.50
22	24.50	33.20	23.32	39.38	38.02	24.50	17.55	10.90	7.37	6.05	4.98	8.27
23	23.95	33.65	22.60	39.60	38.05	24.83	16.92	10.52	7.52	5.78	5.35	8.20
24	23.62	34.02	22.03	39.77	38.05	25.05	16.40	10.33	7.58	5.55	5.83	8.28
25	23.43	34.38	21.50	39.95	38.05	25.30	15.87	10.15	7.65	5.35	6.63	8.65
26	23.40	34.60	21.17	40.15	38.05	25.50	15.30	9.98	7.55	5.15	7.53	9.78
27	23.42	34.82	21.40	40.30	38.10	25.68	14.72	9.93	7.43	4.95	8.57	11.38
28	23.63	35.10	21.97	40.50	38.05	25.77	14.18	10.05	7.32	4.83	10.03	13.05
29	24.00		23.15	40.68	37.98	25.85	13.95	10.25	7.23	4.72	11.85	14.53
30	24.40		24.68	40.77	37.88	25.80	13.80	10.37	7.05	4.68	13.88	15.80
31	24.80		26.25		37.75		13.65	10.38		4.58		16.83

Mississippi River.—Arkansas City, Ark., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	23.35	41.70	22.80	31.95	40.40	28.30	35.25	18.55	14.60	17.75	12.65	15.80
2	26.15	41.65	22.10	30.90	41.15	27.90	35.30	18.35	14.20	16.75	13.00	15.10
3	28.70	41.30	21.85	29.85	41.70	27.85	35.35	18.25	14.20	15.50	12.95	14.70
4	31.10	40.85	21.80	28.95	42.00	28.10	34.90	18.20	14.40	14.55	12.70	14.55
5	32.90	39.75	21.85	28.00	42.35	28.80	34.35	18.15	15.05	13.85	12.45	14.35
6	34.55	38.75	22.10	27.30	42.50	29.95	33.70	18.05	15.60	13.25	12.20	14.10
7	35.50	37.50	22.60	26.90	42.55	30.85	32.75	18.00	16.20	13.00	12.25	14.10
8	36.30	36.30	23.15	26.80	42.60	31.50	31.65	18.00	16 85	12.85	12.60	14.10
9	36.85	35.15	23.90	27.00	42.55	32.10	30.45	17.95	17.40	12.70	13.75	14.10
10	37.35	34.15	24.65	27.95	42.35	32.45	29.80	17.75	17.70	12.70	15.35	14.05
11	37.60	33.70	25.45	29.05	41.85	32.60	29.65	17.50	18.15	12.70	16.65	13.85
12	37.95	33.20	26.75	30.25	41.25	32.65	29.50	17.50	18.55	12.75	17.95	13.80
13	38.40	32.95	28.05	31.00	40.60	32.30	29.40	17.55	18.70	12.90	19.00	13 80
14	39.00	32.75	29.25	31.85	39.80	32.05	29.40	17.90	19.05	12.85	20.40	13.85
15	39.80	32.55	30.20	32.55	39.10	31.75	29.35	18.35	20.55	12.55	21.95	14.05
16	40.35	32.35	30.85	33.15	38.15	31.45	29.25	18.85	22.00	12.05	23.65	14.20
17	40.60	32.20	31.35	33.80	37.15	31.15	29.05	19.30	22.85	11.40	24.60	14.55
18	40.95	32.20	32.00	34.35	36.20	30.95	28.90	19.60	23 35	10.75	25.15	15.05
19	41.05	32.30	32.70	34.40	35.25	30.75	28.65	19.90	23.55	10.10	25.45	15.75
20	41.20	32.20	33.50	34.25	34.25	30.80	28.50	20.35	23.75	9.60	25.65	16.65
21	41.30	32.00	34.10	34.15	33 25	31.50	28.35	20.80	24.10	9.05	25.70	17.25
22	41.30	31.35	34.40	33.90	32.25	32.30	27.90	21.00	24.45	8.40	25.40	18.00
23	41.40	30.60	34.65	33.70	31.65	33.10	27.30	20.65	24.50	8.00	24.80	19.20
24	41.50	29.75	34.85	33.75	31.05	33.55	26.50	20.00	24.45	7.75	23.70	20.65
25	41.50	28.65	35.00	34.35	30.60	33.90	25.40	19.05	24.05	7.70	22.50	22.00
26	41.50	27.05	34.85	35.75	30.30	34.15	24.00	18.05	23.25	7.90	21.05	22.80
27	41.60	25.75	34.60	36.75	29.90	34.35	22.95	17.25	22.25	8.40	20.00	23.00
28	41.70	24.15	34.25	37.75	29 60	34.70	21.90	16.55	21.25	8.85	18.70	22.80
29	41.70		33.90	38.60	29.25	34.90	21.00	15.95	20.20	9.35	17.50	22.25
30	41.70		33.30	39.60	28 90	35.05	20.15	15.45	19.00	10.60	16.65	21.30
31	41.70		32.65		28.55		19.30	14.95		11.85		20.40

Mississippi River.—Arkansas City, Ark., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	19.80	27.85	39.05	31.60	46.45	41.65	29.05	14.15	10.70	6.45	3.30	17.80
2	19.45	28.35	39.30	33.25	46.55	41.00	29.35	13.70	10.70	6.30	3.30	19.75
3	18.85	28.45	39.30	34.60	46.65	40.20	29.75	13.40	10.65	6.30	3.30	21.45
4	18.45	28.70	39.30	35.75	46.85	39.25	30.50	13.25	10.40	6.40	3.35	22.45
5	18.30	28.45	39.25	36.70	46.90	37.75	30.75	12.95	10.15	6.40	3.55	23.00
6	18.30	27.90	38.95	37.45	46.85	35.85	30.80	12.75	9.90	6.50	3.60	22.75
7	18.55	27.30	38.60	38.15	46.65	34.10	30.60	12.65	9.40	6.55	3.70	22.45
8	19.85	26.50	38.10	38.70	46.40	32.60	30.15	12.45	9.15	6.70	3.70	22.05
9	21.35	25.55	37.60	39.25	46.00	31.10	29.60	12.25	8.95	6.85	3.70	21.60
10	22.95	24.85	37.10	39.80	45.50	29.60	28.75	11.95	8.65	7.05	3.70	19.65
11	24.80	24.30	36.35	40.25	45.00	28.35	27.75	11.75	8.50	7.25	3.70	17.80
12	26.00	23.95	35.50	40.70	44.40	27.00	26.75	12.10	8.50	7.30	3.60	16.50
13	27.05	23.70	34.65	41.10	43.90	25.75	25.95	12.75	8.65	7.30	3.45	14.85
14	27.85	23.85	33.60	41.50	43.55	25.00	25.00	13.60	8.75	7.30	3.25	13.20
15	28.60	25.00	32.75	42.00	43.15	24.45	24.00	14.05	8.80	6.85	3.10	12.00
16	28.95	27.75	31.75	42.40	42.90	24.40	23.25	14.10	8.75	6.55	3.00	10.90
17	29.00	30.50	30.75	42.80	42.70	24.85	22.40	14.05	8.40	6.30	3.00	10.55
18	28.90	32.75	29.70	43.20	42.60	25.50	21.80	13.50	7.90	6.15	3.05	10.20
19	28.40	34.35	28.75	43.45	42.60	26.15	21.15	12.90	7.40	5.85	3.35	9.80
20	27.85	35.25	27.70	43.85	42.60	26.70	20.65	12.30	6.95	5.65	3.65	9.45
21	27.30	36.15	26.60	44.10	42.60	27.15	20.00	11.65	6.70	5.50	3.85	9.25
22	26.70	36.90	25.85	44.40	42.60	27.60	19.30	11.05	6.75	5.30	4.10	8.95
23	26.30	37.30	25.05	44.65	42.60	28.10	18.55	10.80	7.05	4.90	4.60	8.80
24	25.95	37.65	24.35	44.90	42.70	28.45	17.90	10.45	7.20	4.45	5.30	9.15
25	25.75	38.05	23.90	45.15	42.70	28.75	17.40	10.25	7.15	4.20	6.45	9.80
26	25.70	38.25	23.70	45.45	42.70	28.80	16.70	10.15	6.95	3.80	7.70	11.35
27	25.80	38.45	24.20	45.65	42.70	28.85	16.00	10.00	6.70	3.75	9.40	13.00
28	26.15	38.75	25.25	46.00	42.70	29.05	15.40	10.20	6.70	3.65	11.85	14.75
29	26.60		26.50	46.30	42.55	29.10	15.00	10.60	6.65	3.45	13.50	17.05
30	27.05		28.10	46.45	42.35	29.00	14.90	10.75	6.50	3.30	15.40	18.35
31	27.40		29.85		42.10		14.65	10.80		3.30		19.35

Mississippi River.—Mouth of White River, Ark., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	25.80	43.50	?25.50	?35.70	42.00	29.00	36.80	?21.10	16.30	?19.30	14.70	?16.40
2	28.90	43.30	?24.80	?34.90	42.60	28.70	36.90	?20.90	16.00	?18.30	14.90	?15.90
3	31.50	43.00	?24.70	?34.40	43.00	28.90	36.70	?20.80	16.10	?17.30	14.90	?15.60
4	33.80	42.30	?24.70	?33.40	43.30	29.40	36.20	?21.00	16.40	?16.50	14.50	?15.20
5	35.80	41.30	?24.90	?32.60	43.50	30.60	35.70	?21.10	17.00	?16.00	14.30	?14.90
6	37.30	40.00	?25.80	?32.20	43.50	31.60	34 70	?21.20	17.70	?15.50	14.00	?14.90
7	38.30	38.90	?26.40	?31.90	43.50	32.40	33.80	?21.30	18.20	?15.20	14.00	?14.90
8	38.80	37.60	?26.90	?31.70	43 40	32.90	32.60	?21.30	18.60	?15.20	14.50	?15.10
9	39.30	36.30	?27.50	?32.20	43.20	33.40	31.40	?21.20	19.10	?15.10	16.00	?15.10
10	39.70	35.30	?28.30	?33.30	42.90	33.90	30.80	?21.10	19.50	?15.00	17.50	?15.00
11	40.10	34.60	?29.20	31.00	42.70	33.90	30.70	?21.00	?20.00	?15.00	19.00	15.40
12	40.40	34.30	?30.50	32.00	42.00	33.90	30.50	?20.90	?20.30	?15.20	20.00	15.30
13	40.90	34.20	?31.90	33.00	41.40	33.60	30.40	19.40	?20.40	?15.30	20.90	15.30
14	41.40	34.10	?33.40	33.70	40.80	33 30	30.40	19.80	?20.90	14.80	22.70	15.40
15	42.10	33.80	?34.30	34.50	39.80	33.00	30.40	20.40	?22.40	14.30	24.30	15.60
16	42.60	33.70	?35.00	35.10	39.10	32.50	30.40	20.80	?23.50	13.80	25.30	15.80
17	42.70	33.70	?35.80	35.60	37.90	32.30	30.10	21.10	?24.50	13.00	26.30	16.10
18	43.00	33.90	?36.30	36.00	37.00	32.00	?29.80	21.40	?24.80	12.50	27.00	16.70
19	43.20	33.90	?37.10	36.00	36.30	31.90	?29.50	21.80	?25.00	12.00	27.30	17.50
20	43.30	33.90	?37.80	36.00	35.30	31.90	?29.40	22.20	?25 20	11.50	27.40	18.10
21	43.40	33.50	?38.30	35.80	34.30	32.90	?29 20	22.60	?25.50	11.00	27.30	18.70
22	43.50	33.00	?38.80	35.40	33.30	33.90	?28.80	22.80	?25.80	10.50	26.90	19.70
23	43.60	31.90	?39.10	35.30	32.30	34.40	?28.20	22.40	?25.80	10.20	26.20	20.90
24	43.60	30 80	?39.10	35.40	31.60	35.00	?27.20	21.40	?25.70	10.00	24.90	22.40
25	43.60	29.50	?39.10	36.20	31.20	35.50	?26.60	20.40	?25.20	10.20	23.40	23.70
26	43.50	28.30	?39.00	37.50	31.00	35.80	?25.90	19.50	?24.60	10.50	21.90	24.40
27	43.40	27.60	?38.70	38.60	30.60	35.80	?25.00	18.70	?23.70	10.90	20.20	24.50
28	43.40	26.70	?38 40	39 60	30.30	36.00	?24.20	18.00	?22.50	11.20	18.70	24.00
29	43.50		?38.00	40.50	30.00	36.40	?23 30	17.60	?21.30	12.00	17.70	23.00
30	43.50		?37.50	41.40	29.70	36.60	?22.40	17.10	?20.30	13.00	17.00	22.30
31	43.50		?36.60		29.30		?21.70	16.70		14.00		21.60

Mississippi River.—Mouth of White River, Ark., 1886.

Day	January.	February.	March.	April.	May	June.	July.	August.	September.	October	November.	December.
1	20.90	29.70	41.00	32.30	47.70	42.50	?30.60	?16.20	?13.20	?9.10	6.30	20.00
2	20.60	30.00	41.10	35.00	47.90	41.80	?30.80	?15.80	?13.20	?9.00	6.30	21.80
3	20.30	30.30	41.10	36.80	48.00	40.90	?31.40	?15.50	?13.00	?9.10	6.30	23.10
4	20.00	30.30	41.10	37.80	48.20	39.70	?32.10	?15.40	?12.90	?9.25	6.40	24.00
5	19.80	30.30	40.90	38.70	48.10	38.20	?32.40	?15.20	?12.70	?9.35	6.50	24.20
6	20.00	29.60	40.60	39.50	47.90	36.50	?32.40	?14.90	?12.45	?9.50	6.60	24.10
7	20.60	28.90	40.20	40.00	47.60	35.00	?32.00	?14.85	?12.10	?9.60	6.60	24.00
8	22.10	28.00	39.80	40.50	47.20	33.50	?31.40	?14.60	?11.80	?9.75	6.60	23.10
9	23.10	27.10	39.10	41.00	46.60	31.90	?30.70	?14.30	?11.40	?9.90	6.50	21.80
10	25.10	26.30	38.40	41.70	46.00	30.40	?29.90	?14.00	?11.30	?10.10	6.40	20.40
11	26.30	25.70	37.70	42.00	45.40	29.10	?28.90	?14.00	?11.30	?10.10	6.35	18.80
12	27.80	25.20	36.90	42.50	44.90	27.90	?28.00	?14.40	?11.40	?10.05	6.30	17.00
13	29.10	25.20	35.90	42.90	44.40	?26.85	?27.10	?15.20	?11.40	?9.90	6.20	15.40
14	30.00	25.60	34.80	43.10	44.00	?26.40	?26.20	?15.80	?11.50	?9.80	6.10	14.10
15	30.50	26.60	33.80	43.50	43.70	?26.25	?25.30	?16.20	?11.60	?9.50	5.90	13.10
16	30.80	28.10	32.70	43.90	43.50	?26.50	?24.50	?16.20	?11.40	?9.30	5.90	12.40
17	31.00	33.10	31.70	44.30	43.50	?26.80	?23.90	?16.00	?11.00	?9.20	6.00	12.10
18	30.80	35.10	30.50	44.50	43.50	?27.20	?23.40	?15.80	?10.50	?9.00	6.10	11.80
19	30.30	36.20	29.60	44.70	43.55	?27.80	?22.80	?15.20	?10.10	?8.80	6.30	11.50
20	29.50	37.60	28.50	45.00	43.55	?28.20	?22.20	?14.60	?9.70	?8.60	6.50	11.20
21	28.70	38.30	27.50	45.20	43.55	?28.70	?21.50	?14.00	?9.60	?8.40	6.60	11.00
22	27.90	38.90	26.80	45.40	43.60	?29.10	?20.90	?13.60	?9.90	?8.15	7.00	10.70
23	27.20	39.30	26.10	45.60	43.70	?29.40	?20.20	?13.30	?10.00	?7.85	7.60	10.70
24	26.90	39.60	25.60	45.90	43.75	?29.80	?19.70	?13.10	?10.00	?7.50	8.40	11.20
25	26.70	40.00	25.10	46.10	43.75	?30.10	?19.00	?12.90	?9.80	?7.40	9.30	12.10
26	26.70	40.30	24.80	46.50	43.75	?30.30	?18.30	?12.70	?9.70	?7.20	10.50	13.40
27	27.00	40.60	25.10	46.70	43.70	?30.40	?17.60	?12.80	?9.50	?7.10	11.90	15.30
28	27.50	40.80	25.60	47.00	43.65	?30.50	?17.00	?13.00	?9.50	?7.00	13.80	17.40
29	28.00		27.10	47.20	43.50	?30.50	?16.80	?13.30	?9.40	?6.95	16.00	19.00
30	28.50		29.70	47.50	43.20	?30.45	?16.80	?13.50	?9.30	?6.90	18.20	20.20
31	29.10		31.00		42.90		?16.60	?13.30		?6.80		21.00

Mississippi River.—St. Louis Landing, Ark., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	26.75	44.45	26.15	34.40	43.45	.....	.....	.....	.....	.....	.....	.....
2	29.65	43.95	25.48	33.25	43.80	.....	.....	.....	.....	.....	.....	.....
3	32.35	43.05	24.97	32.25	43.98	.....	.....	.....	.....	.....	.....	.....
4	34.70	41.78	24.85	31.40	44.10	.....	.....	.....	.....	.....	.....	.....
5	36.30	40.22	25.10	30.85	44.10	.....	.....	.....	.....	.....	.....	.....
6	37.45	38.55	25.68	30.45	43.98	.....	.....	.....	.....	.....	.....	.....
7	38.14	37.15	26.42	30.30	43.85	.....	.....	.....	.....	.....	.....	.....
8	38.32	35.75	27.30	30.55	43.60	.....	.....	.....	.....	.....	.....	.....
9	38.70	34.80	28.22	31.42	43.25	.....	.....	.....	.....	.....	.....	.....
10	39.05	34.23	29.40	32.72	42.80	.....	.....	.....	.....	.....	.....	.....
11	39.39	33.95	30.35	33.78	42.08	.....	.....	.....	.....	.....	.....	.....
12	39.82	33.85	31.45	34.58	41.60	.....	.....	.....	.....	.....	.....	.....
13	40.35	33.93	33.10	35.48	41.15	.....	.....	.....	.....	.....	.....	.....
14	40.94	34.00	34.38	36.45	40.35	.....	.....	.....	.....	.....	.....	.....
15	41.70	34.15	35.12	37.25	39.55	.....	.....	.....	.....	.....	.....	.....
16	42.20	34.50	35.58	37.95	38.45	.....	.....	.....	.....	.....	.....	.....
17	42.52	34.90	36.15	38.38	37.55	.....	.....	.....	.....	.....	.....	.....
18	42.75	35.42	36.88	38.55	36.60	.....	.....	.....	.....	.....	.....	.....
19	43.05	35.70	37.60	38.43	35.63	.....	.....	.....	.....	.....	.....	.....
20	43.32	35.55	38.30	38.07	34.67	.....	.....	.....	.....	.....	.....	.....
21	43.52	35.05	38.80	37.70	33.75	.....	.....	.....	.....	.....	.....	.....
22	43.72	34.25	39.08	37.50	32.88	.....	.....	.....	.....	.....	.....	.....
23	43.97	33.25	39.12	37.75	32.00	.....	.....	.....	.....	.....	.....	.....
24	44.12	32.08	39.05	38.28	31.35	.....	.....	.....	.....	.....	.....	.....
25	44.32	30.62	38.98	39.00	30.80	.....	.....	.....	.....	.....	.....	.....
26	44.41	29.70	38.72	39.93	30.45	.....	.....	.....	.....	.....	.....	.....
27	44.51	28.22	38.35	40.70	30.15	.....	.....	.....	.....	.....	.....	.....
28	44.57	27.08	36.90	41.40	29.95	.....	.....	.....	.....	.....	.....	.....
29	44.67		36.65	42.20	29.73	.....	.....	.....	.....	.....	.....	.....
30	44.74		36.38	42.93	29.48	.....	.....	.....	.....	.....	.....	.....
31	44.67		35.48		29.20	.....	.....	.....	.....	.....	.....	.....

Mississippi River.—Helena, Ark., 1885.

Day	January.	February.	March.	April.	May.	June	July.	August	September.	October.	November.	December.
1	20.50	39.80	17.50	27.10	38.20	21.40	32.40	16.65	14.25	15.85	13.50	14.95
2	23.70	38.70	16.85	25.80	38.60	21.80	31.85	16.75	14.30	14.95	13.30	14.65
3	26.60	37.00	16.50	24.80	38.70	23.00	31.20	17.00	14.70	14.25	13.00	14.40
4	29.05	35.00	16.45	24.00	38.75	24.70	30.40	17.25	15.30	13.60	12.45	14.20
5	30.60	32.95	16.75	23.35	38.50	26.50	29.50	17.50	15.95	13.25	12.35	14.05
6	31.50	31.20	17.35	23.00	38.20	27.90	28.40	17.30	16.50	13.00	12.30	14.10
7	31.90	29.40	18.20	23.00	38.00	29.00	27.20	17.30	16.90	12.90	13.00	14.00
8	32.10	28.00	19.20	23.40	37.50	29.75	26.10	17.25	17.40	12.90	14.50	13.95
9	32.40	27.10	20.20	24.50	36.90	30.35	25.00	17.10	18.00	12.85	16.30	13.95
10	32.70	26.60	21.60	26.00	36.10	30.60	24.30	16.95	18.50	12.95	17.65	13.85
11	33.05	26.50	23.60	27.30	35.30	30.60	23.65	16.90	18.70	13.20	18.65	13.75
12	33.60	26.65	25.55	28.25	34 30	30.25	23.35	17.20	18.60	13.30	19.55	13.75
13	34.20	26.85	27.45	29.25	33.30	29.75	23.40	17.60	18.75	13.10	21.20	13.95
14	35.10	26.95	28.65	30.50	32.20	29.45	23.40	17.95	19.30	12.55	23.00	14.10
15	35.80	27.30	29.35	31.50	31.30	29.35	23.45	18.40	19.80	11.75	24.55	14.25
16	36.50	27.80	29.90	32.30	30.50	29.00	23.30	18.85	19.90	10.70	25.60	14.70
17	36.80	28.55	30.70	32.70	29.75	28.50	23.05	19.25	20.00	9.90	26.10	15.70
18	37.15	29.30	31.50	32.80	29.10	28.25	22.80	19.50	20.20	9.50	26.40	16.10
19	37.55	29.50	32.30	32.50	28.10	28.95	22.55	20.05	21.05	9.30	26.35	16.80
20	37.95	29.30	33.00	32.10	27.15	30.20	22.30	20 45	21.70	9.10	26.10	17.50
21	38.30	28.75	33.50	31.60	26.25	31.30	22.10	20.40	21.85	8.50	25.70	18.45
22	38.60	27.60	33.60	31.40	25.20	32.10	21.90	19.75	21.80	8.20	24.70	19.70
23	39.10	26.20	33.60	31.65	24.35	32.65	21.60	18.95	21.70	8.00	23.50	21.40
24	39.50	24.75	33.50	32.30	23.60	32.90	21.10	18.05	21.50	8.20	21.90	22.80
25	39.80	23.10	33.25	33.30	23.00	33.10	20.20	17.20	21.20	8.60	20.25	23.65
26	40.05	21.30	33.00	34.10	22.65	33.20	19.50	16.60	20.60	9.05	18.90	23.70
27	40.25	19.60	32.45	35.00	22.40	33.20	18.80	16.05	19.80	9.60	17.65	23.10
28	40.40	18.50	31.75	35.90	22.20	33.20	18.10	15.60	18.85	10.40	16.70	22.10
29	40.60		30.90	36.90	22.00	33.10	17.50	15.15	17.85	11.60	15.90	20.90
30	40.70		29.70	37.75	21.75	32.70	17.00	14.85	16.80	12.70	15.40	20.00
31	40.40		28.50		21.45		16.65	14.55		13.40		19.15

Mississippi River.—Helena, Ark., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	18.50	28.65	39.50	34.00	47.95	36.30	28.15	12.60	10.35	5.80	3.45	20.00
2	18.20	28.80	39.10	35.65	47.60	34.60	28.95	12.55	10.25	5 80	3.50	21.80
3	18.00	28.80	38.75	37.10	47.00	33.00	29.85	12.65	10.15	5.85	3.70	22.90
4	17.80	28.30	38.20	38.20	46.10	31.05	30.30	12.30	9.95	5.90	3.75	23.40
5	17.80	27.50	37.50	39.10	45.00	29.40	30.20	11.70	9.65	5.95	3.80	23.10
6	18.20	26.60	36.85	39.80	43.80	28.00	29.60	11.20	9.25	6.05	3.85	22.50
7	19.55	25.55	35.95	40.40	42.50	26.75	28.80	10.70	8.90	6.30	3.85	21.50
8	21.70	24.50	35.05	40.95	41.40	25.70	28.00	10.35	8.55	6.60	3.70	20.00
9	23.80	23.60	34.05	41.25	40.30	24.70	27.00	10.10	8.40	6.70	3.65	18.40
10	25.55	22.90	33.00	41.75	39.50	23.90	26.00	10.00	8.45	6.80	3.55	16.60
11	27.00	22.60	31.85	42.10	39.00	23.10	25.10	10.25	8.50	6.80	3 50	14.70
12	28.30	22.25	30.85	42.40	38.90	22.50	24 35	10.70	8.45	6.70	3.35	12.80
13	29.10	22.00	29.85	42.65	39.00	22.05	23.50	11.10	8.40	6.50	3.30	11.35
14	29.65	22.70	28.60	42.95	39.25	22.25	22.70	11.50	8.00	6.30	3.15	10.35
15	29.90	26.10	27.35	43.15	39.55	22.80	22.10	11.45	7.50	6.15	3.05	9.55
16	29.95	29.90	26.10	43.45	39.80	23.50	21.50	11.35	7.15	6.00	3.00	9.35
17	29.65	32.60	24.90	43.60	40.20	24.10	21.10	11.20	6.85	5.90	3.20	9.10
18	28.95	34.40	23.90	43.85	40.60	24.60	20.55	10.95	6.45	5.80	3.40	8.65
19	28.00	35.90	22.90	44.00	41.00	25.20	20.00	10.60	6.20	5.65	3.50	8.40
20	27.10	36.90	22.30	44.20	41.25	25.70	19.40	10.20	6.00	5.35	3.60	8.10
21	26.40	37.60	21.80	44.35	41.40	26.10	18.70	9.95	6.10	5.00	3.80	8.00
22	25.80	38.15	21.30	44.60	41.50	26.60	18.10	9.80	6.35	4.70	4.35	8.10
23	25.50	38.55	21.00	44.90	41.50	27.20	17.50	9.75	6.50	4.40	5.10	8.50
24	25.45	38.90	20.90	45.25	41.40	27.40	16.85	9.65	6.45	4.15	6.10	9.60
25	25.60	39.25	21.05	45.90	41.30	27.65	16.15	9.60	6.35	4.00	7.25	11.40
26	25.80	39.55	21.60	47.10	40.85	27.75	15.45	9.70	6.30	3.80	8.20	13.60
27	26.25	39 60	23.10	47.80	40.50	27 80	15.00	10.00	6.35	3.80	9.70	15.50
28	26.80	39.65	25.00	47.90	39.85	27.80	14.80	10.40	6.40	3.70	12.50	17.50
29	27.25		27.35	48.00	39.30	27.70	14.20	10.55	6.15	3.65	15.30	18.80
30	27.85		29.80	48.10	38 50	27.80	13.60	10.50	5.95	3.60	17.80	19.50
31	28.35		32.00		37.50		13.00	10.50		3.50		19.85

Mississippi River.—Mhoon's Landing, Miss., 1885.

Day	Jannary.	February.	March.	April.	May	June.	July.	August.	September.	October	November.	December.
1	17.25	32.15	12 15	20.35	32.05	.....	.....	.....	.....	.....	.....	.....
2	19.60	30.60	11.78	19 35	32.25	.....	.....	.....	.....	.....	.....	.....
3	22 05	28 70	11.70	19.00	32.25	.....	.....	.....	.....	.....	.....	.....
4	23.80	26.55	11.90	18.85	32.00	.....	.....	.....	.....	.....	.....	.....
5	25.02	24.55	12.40	18.55	31.68	.....	.....	.....	.....	.....	.....	.....
6	25.65	23.15	13.00	18.40	31.23	.....	.....	.....	.....	.....	.....	.....
7	25.75	21.90	13.65	18.52	30.83	.....	.....	.....	.....	.....	.....	.....
8	25.70	20.55	14 95	19.35	30 25	.....	.....	.....	.....	.....	.....	.....
9	26.30	19.50	16.15	20.70	29 58	.....	.....	.....	.....	.....	.....	.....
10	26.60	19.40	17.60	21.62	28.65	.....	.....	.....	.....	.....	.....	.....
11	26.60	19.70	19.40	22.42	27.80	.....	.....	.....	.....	.....	.....	.....
12	27.60	20.40	21.45	23.20	27.15	.....	.....	.....	.....	.....	.....	.....
13	28.15	20.72	22 90	24.25	26.15	.....	.....	.....	.....	.....	.....	.....
14	28.80	20.82	23.65	25.30	25.05	.....	.....	.....	.....	.....	.....	.....
15	29.35	21.60	24.10	26.15	24.28	.....	.....	.....	.....	.....	.....	.....
16	29.95	22.50	24.68	26.68	23.65	.....	.....	.....	.....	.....	.....	.....
17	30.15	23 25	25.55	26.80	23.00	.....	.....	.....	.....	.....	.....	.....
18	30.70	23.75	26.30	26.62	22.30	.....	.....	.....	.....	.....	.....	.....
19	31.10	23.80	27.10	26.10	21.58	.....	.....	.....	.....	.....	.....	.....
20	31.50	23.32	27.60	25.65	20.70	.....	.....	.....	.....	.....	.....	.....
21	31.75	22.42	27.87	25.25	20.00	.....	.....	.....	.....	.....	.....	.....
22	32.25	21.40	27 82	25.38	19.05	.....	.....	.....	.....	.....	.....	.....
23	32.55	19.45	27 55	25.96	18.30	.....	.....	.....	.....	.....	.....	.....
24	32.95	17.95	27.35	26.85	17.60	.....	.....	.....	.....	.....	.....	.....
25	33.30	16.45	27.00	27.78	17.38	.....	.....	.....	.....	.....	.....	.....
26	33.45	14.77	26.60	28.63	17.15	.....	.....	.....	.....	.....	.....	.....
27	33.65	13.60	25.95	29.50	16.95	.....	.....	.....	.....	.....	.....	.....
28	33.80	12.85	25.15	30.35	16.85	.....	.....	.....	.....	.....	.....	.....
29	33.80		24.25	31.20	16.60	.....	.....	.....	.....	.....	.....	.....
30	33.57		23.00	31.80	16.35	.....	.....	.....	.....	.....	.....	.....
31	33.10		21.65		16.18	.....	.....	.....	.....	.....	.....	.....

Mississippi River.—Memphis, Tenn., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.
1	14.30	25.80	9.50	16.30	27.30	14.50	20.80	9.70	8.30	8.60	7.80	9.00
2	17.00	24.30	9.00	15.65	27.30	14.70	20.20	9.80	8.30	7.70	7.60	8.80
3	19.00	22.00	9.50	15.10	27.00	16.50	19.95	10.10	8.70	7.30	7.30	8.60
4	19.80	20.30	10.20	14.65	26.80	17.80	19.30	10.15	9.30	7.20	6.80	8.10
5	20.70	19.00	10.60	14.55	26.30	18.80	18.50	10.20	10.10	7.10	6.70	8.90
6	21.00	18.30	10.90	14.50	25.80	19.70	17.60	10.20	10.40	7.00	7.30	8.90
7	21.10	17.20	11.30	14.80	25.30	20.20	16.90	10.10	10.70	7.00	8.90	8.60
8	21.30	16.90	13.70	15.80	24.70	20.60	15.70	10.00	11.10	7.00	10.20	8.20
9	21.50	16.50	14.70	17.20	23.80	20.80	15.40	9.90	11.50	7.00	11.30	8.20
10	21.70	16.10	15.40	18.00	22.90	20.65	14.90	9.90	11.90	7.00	12.90	8.10
11	22.20	16.90	17.20	18.70	22.10	20.35	14.70	10.10	12.00	7.20	13 65	8.00
12	22.90	17.30	18.50	19.30	21.40	20.10	14.65	10.50	12.00	7.20	14.00	8.20
13	23.50	17.40	19.40	20.50	20.70	19.80	14.60	10.90	12.10	7.15	15.60	8.40
14	24.10	17.60	19.70	21.35	20.20	19.50	14.50	11.10	12.30	6.65	17.00	8.45
15	24.60	18.20	20.20	21.80	19.60	19.20	14.50	11.50	12.50	6.00	17.60	8.70
16	25.10	19.00	20.90	22.20	19.30	19.00	14.45	11.90	13.10	5.60	18.00	9.30
17	25.70	19.50	21.40	22.20	18.70	19.10	14.40	12.30	13.60	5.10	18.00	10.00
18	26.10	19.75	22.00	21.70	18.20	19.20	14.10	12.60	13.80	4.90	18.00	10.45
19	26.10	19.50	22.65	21.00	17.75	20.80	13.90	12.70	14.00	4.70	17.60	11.05
20	26.40	18.90	23.00	20.80	16.90	21.50	13.75	12.80	14.10	4.40	17.30	11.70
21	26.80	18.00	23.00	20.70	16.10	21.90	13.60	12.10	14.10	4.15	17.10	12.75
22	27.20	16.60	22.80	21.00	15.50	22.30	13.40	11.50	14.00	4.15	16.40	14.15
23	27.80	15.30	22.75	21.65	14.90	22.50	12.90	10.60	13.70	4.15	14.00	15.45
24	28.30	14.10	22.50	22.60	14.60	22.60	12.40	10.00	13.40	4.50	12.60	16.10
25	28.60	12.50	22.20	23.40	14.30	22.50	11.70	9.60	12.80	4 80	11.40	16.30
26	28.90	11.20	21.65	24.30	14.10	22.50	11.10	9.40	12.10	5.10	10.60	15.50
27	29.10	10.60	21.10	25.10	14.00	22 50	10.60	9.20	11.50	5.60	10.10	14.50
28	29.25	10.00	20.40	25.80	13.90	22.50	10.10	9.10	10.70	7.10	9.60	13.50
29	29.10		18.90	26.50	13.70	22.00	9.75	8.90	9.70	7.60	9.30	12.55
30	28.70		18 45	27.00	13 50	21.60	9.50	8.60	9.00	8.00	9.10	12.05
31	27.85		17.45		14.00		9.60	8.40		8.00		11.60

Mississippi River.—Memphis, Tenn., 1886.

Day	January.	February.	March.	April.	May	June.	July.	August.	September.	October	November.	December.
1	11.15	19.55	27.60	25.70	33.90	23.80	21.00	8.95	7.50	4.40	2.85	16.30
2	11.00	19.45	27.00	27.00	32.60	22 70	21.90	9.05	7.40	4.50	2.95	17.05
3	10.95	19.05	26.40	28.10	30.60	21.30	22.25	8.65	7.30	4.50	3.10	17.30
4	10.85	18.50	25.50	29.00	28.20	20.10	22.00	8.25	7.10	4.50	3.15	17.00
5	11.25	17.90	24.80	29.70	26.00	19 20	21.50	7.95	6.85	4.65	3.10	16.50
6	12.35	17.05	24.00	30.40	24.50	18.60	20.80	7.45	6.55	4.80	3.10	15.60
7	14.35	16.20	23.10	31.10	23.50	17.80	20.30	7.45	6.25	5.00	3.05	14.40
8	16.00	15.45	22.50	31.50	22.40	17.40	19.40	7.20	6.20	5.10	2.95	13.00
9	17.40	14.90	22.00	31.80	22.20	16.90	18.90	7.40	6.25	5.20	2.90	11.50
10	18.45	14.50	21.00	32.20	22.00	16.50	18.00	7.50	6.30	5.15	2.80	10.00
11	19.25	14.30	20.10	32.40	22.80	16.10	17.50	7.80	6.20	5.05	2.75	8.75
12	20.00	14.30	19.40	32.80	23.60	15.60	17.00	8.10	6.10	4.85	2.70	7.90
13	20.30	14.45	18.70	33.00	24.60	15.70	16.80	8.35	5.75	4.70	2.60	7.25
14	20.30	17.20	17.70	33.40	25.50	16.20	16.00	8.40	5.45	4.70	2.50	6.85
15	20.30	20.70	17.00	33.60	26.40	16.50	15.40	8.30	5.10	4.60	2.50	6.70
16	20.10	22.70	16.10	34.00	27.60	16.90	15.00	8.10	4.90	4.50	2.50	6.50
17	19.50	24.30	15.30	34.05	28.30	17.40	14.80	7.90	4.75	4.45	2.80	6.20
18	18.80	25.40	14.20	34.10	29.20	17.80	14.30	7.75	4.50	4 30	2.85	6.00
19	18.10	26.30	13.70	34.35	29.80	18.30	13.80	7.45	4.40	4.20	2.90	5.80
20	17.50	26.90	13.40	34.55	30.20	18.70	13.00	7.25	4.55	3.95	3.00	5.70
21	17.20	27.50	13.20	34.65	30.50	19.00	12.50	7.10	4.80	3.75	3.35	5.75
22	16.90	27.90	13.20	34.75	30.60	19.50	12.00	7.10	4.90	3.50	3.75	6.10
23	16.95	28.30	13.00	34.75	30.50	19.80	11.90	7.10	4.90	3.35	4.15	6.90
24	17.05	28.40	13.20	34.75	30.40	20.00	11.60	6.85	4.75	3.25	5.00	8.60
25	17.20	28.50	13.50	34.70	30.00	20.10	11.10	7.10	4.70	3.15	5.85	9.60
26	17.60	28.40	14.50	34.70	29.50	20.10	10.50	7.35	4.80	3.10	6.95	11.30
27	18.05	28.30	17.00	34.70	28.80	20.00	10.30	7.60	4.70	3.10	8.80	12.80
28	18.45	28.20	18.25	34.80	28.00	20.00	10.00	7.65	4.60	3.05	11.00	14.00
29	18.90		20.50	34.70	27.25	20.00	9.60	7.60	4.50	3.00	12.70	14.40
30	19.20		22.50	34.55	25.90	20.30	9.30	7.60	4.40	2.90	14.70	14.25
31	19.45		24.40		24.90		9.00	7.60		2.85		14.40

Mississippi River.—Fulton, Tenn., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	16.92	25.84	11.67	16.90	28.70	15.79	22.10	12.28	10.44	10.33	9.60	10.24
2	19.19	22.89	11.67	16.36	28.57	17.15	21.44	12.36	10.90	9.94	9.22	10.12
3	20.72	21.10	11.83	15.90	28.16	18.74	20.60	12.44	11.34	9.72	8.86	10.08
4	21.42	19.77	12.29	15.71	27.55	19.92	19.80	12.48	11.84	9.61	8.85	10.08
5	21.66	18.97	12.78	15.56	26.99	20.73	19.00	12.42	11.99	9.59	9.15	10.08
6	21 58	18.10	13.49	15.78	26.49	21.41	18.20	12.20	12.39	9.58	10.24	10.04
7	21.58	17.46	14.20	16.40	25.95	21.93	17.50	12.09	12.79	9.57	11.53	10.18
8	21.81	17.35	14.88	17.59	25.22	22.36	16.94	11.93	13.16	9.57	12.65	10.00
9	22.13	17.53	16.04	18.62	24.25	22.34	16.42	11.90	13.42	9.73	13.34	9.91
10	22.58	17.63	17.19	19.26	23.26	21.78	16.20	12.04	13.36	9.88	13.84	9.85
11	23.34	17.95	18.12	20.16	22.60	21.26	16.20	12.40	13.27	9.74	14.76	9.96
12	24.10	18.23	19.61	21.25	22.09	21.00	16.31	12.70	13.65	9.31	16.31	10.10
13	24.74	18.43	20.50	22.21	21.51	20.88	16.38	13.00	14.15	8.86	17.75	10 16
14	25.20	18.80	20.79	22.94	21.04	20.58	16.32	13.38	14.28	8.41	18.62	10 35
15	25.34	19.42	21.26	23.32	20.56	20.09	16.14	13.66	14.22	7.96	19.06	10.88
16	25.56	20.10	22.04	23.38	20.03	19.77	15.94	13.96	14.24	7.56	19.20	11.49
17	25.82	20.55	22.69	23.08	19.50	20.08	15.74	14.20	14.79	7.24	19.20	11.98
18	26.28	20.46	23.34	22.58	18.84	21.41	15.54	14.57	15.52	6.95	19.08	12.40
19	26.79	20.01	23.81	22.08	18.24	22.61	15.38	14.66	15.65	6.68	18.67	12.91
20	27.28	19.38	23.88	21.81	17.65	23.35	15.29	14.24	15.54	6.45	18.07	13.81
21	27.78	18.37	23.80	21.98	16 90	23.68	15.08	13.57	15.42	6.28	17.01	15.12
22	28.35	17.12	23.65	22.59	16.26	23.84	14.72	12 85	15.39	6.31	15.80	16.31
23	28.86	16.00	23.44	23.51	15.88	23.94	14.20	12.29	15.20	6.62	14.66	17.18
24	29.24	14.97	23.09	24.40	15.62	23 94	13.64	11.82	14.83	6.88	13.52	17.39
25	29.51	13.56	22.68	25.15	15.45	23.92	13.14	11.50	14.19	7.14	12.63	16 86
26	29.75	12.80	22.14	25.89	15.38	23.89	12.70	11.23	13.46	7.51	11.84	16.06
27	29.86	12.35	21.40	26.81	15.35	23.80	12.32	10.99	12.72	8.38	11.32	15.02
28	29.92	11.91	20.52	27.70	15.31	23.54	12.14	10 69	11.98	9.33	10.96	14.13
29	29.47		19.72	28.33	15.12	23.14	12.10	10.44	11.36	9.91	10.60	13 41
30	28.60		18.70	28.60	15 00	22.65	12.13	10.27	10.75	10.02	10.40	12.85
31	27.10		17.79		15.19		12.21	10.20		9.88		12.72

Mississippi River.—Fulton, Tenn., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.
1	12.52	20.61	27.78	27.40	31.32	22.21	21.62	....	8.49	5.89	4.33	17.01
2	12.37	20 25	27.05	28.63	29.06	20.90	22.15	....	8.41	5.99	4.41	17.38
3	12.30	19.91	26.33	29.63	26.78	19.84	22.12	....	8.26	6.03	4.49	17.26
4	12.46	18:79	25.57	30.44	24.69	18.99	.....	....	8.06	5.99	4.50	16.79
5	13.35	17.99	24.76	31.04	23.22	18.35	.....	....	7.79	6.09	4.49	16.19
6	15.12	17.33	24.10	31.63	22.07	17.77	.....	....	7.56	6.25	4.44	15.12
7	16 44	16.62	23.37	32.00	21.40	17.19	.....	....	7.43	6.38	4.35	13.76
8	18.00	16.10	22.46	32.46	20.91	16.63	.....	....	7.47	6.47	4.26	12.75
9	19.69	15.64	21.76	32.88	20.90	16.03	.....	....	7.54	6.48	4.22	11.23
10	20.39	15.12	20.96	33.20	21.54	15.76	.....	....	7.48	6.40	4.12	9.98
11	21.23	14.85	20.19	33.56	22.70	15.54	.....	....	7.35	6.26	4.03	8.96
12	21.64	14.98	19.32	33.94	23.85	15.41	.....	....	7.05	6.14	3.95	8.29
13	21.76	16.58	18.43	34.23	24.76	15.56	.....	....	6.76	5.99	3.88	7.92
14	21.79	20.82	17.60	34.46	25.65	16.23	.....	....	6.53	5.85	3.86	7.79
15	21.71	23.20	16.80	34.66	26.72	16.74	.....	....	6.29	5.78	3.88	7.59
16	21.11	24.73	16.02	34.82	27.85	17.12	.....	....	6.10	5.71	3.91	7.36
17	20.01	26.19	15.50	34.98	28.75	17.49	.....	....	5.88	5.56	3.92	7.16
18	19.18	27.20	15.02	35.08	29.46	17.88	.....	....	5.66	5.34	3.97	6.94
19	18.41	27.94	14.60	35.19	29.90	18.17	.....	....	5.68	5.11	4.04	6.84
20	17.91	28.49	14.43	35.28	30.13	18.48	.....	....	5.87	4.86	4.16	6.85
21	17.74	28.85	.....	35.32	30.23	19.00	.....	....	6.02	4.65	4.42	7.11
22	17.78	29.15	14.36	35.36	30.14	19.45	.....	....	6.06	4.47	4.56	7.73
23	18.02	29.29	14.48	35.29	29.88	19.63	.....	....	5.91	4.35	4.93	8.73
24	18.24	29.38	14.78	35.23	29.41	19.76	.....	....	5.73	4.24	5.62	10.15
25	18.55	29.36	15.59	35.20	28.98	19.90	.....	....	5.66	4.14	6.43	11.29
26	18.99	29.19	17.10	35.04	28.30	19.90	.....	....	5.69	4.14	8.58	12.80
27	19.49	28.89	18.94	34.86	27.50	19.82	.....	....	5.72	4.28	10.67	13.68
28	19.86	28.45	20.70	34.56	26.72	19.86	.....	8.66	5.76	4.39	12.66	14.05
29	20.18		22.59	34.04	25.72	20.07	.....	8.60	5.80	4.32	14.36	14.21
30	20.53		24.40	33.16	24.60	20.64	.....	8.57	5.79	4.19	15.96	14.16
31	20.70		26.03		23.39		.....	8.51		4.21		14.12

Mississippi River.—Cottonwood Point, Mo., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	19.10	24.25	11.00	17.25	30.70	.....	.....	.....	.....	.....	.....	.....
2	21.45	22.20	11.15	16.70	30.20	.....	.....	.....	.....	.....	.....	.....
3	22.80	20.60	11.52	16.32	29.40	.....	.....	.....	.....	.....	.....	.....
4	23.30	19.77	12.18	16.25	28.60	.....	.....	.....	.....	.....	.....	.....
5	23.32	19.10	13.05	16.32	27.95	.....	.....	.....	.....	.....	.....	.....
6	22.98	18.25	13.92	17.00	27.45	.....	.....	.....	.....	.....	.....	.....
7	23.10	17.90	14.90	17.90	26.80	.....	.....	.....	.....	.....	.....	.....
8	23.45	18.08	16.15	19.25	26.00	.....	.....	.....	.....	.....	.....	.....
9	23.72	18.35	17.82	20.30	25.05	.....	.....	.....	.....	.....	.....	.....
10	24.40	18.70	19.65	20.95	24.20	.....	.....	.....	.....	.....	.....	.....
11	25.30	19.22	21.10	22.10	23.48	.....	.....	.....	.....	.....	.....	.....
12	26.35	19.55	21.80	23.30	22.85	.....	.....	.....	.....	.....	.....	.....
13	26.90	19.82	22.20	24.30	22.30	.....	.....	.....	.....	.....	.....	.....
14	27.25	20.65	22.52	24.85	21.90	.....	.....	.....	.....	.....	.....	.....
15	27.32	21.55	23.25	25.00	21.50	.....	.....	.....	.....	.....	.....	.....
16	27.38	22.15	24.15	24.88	20.95	.....	.....	.....	.....	.....	.....	.....
17	27.78	22 27	24.80	24.32	20.20	.....	.....	.....	.....	.....	.....	.....
18	28.45	21.92	25.55	23.65	19.40	.....	.....	.....	.....	.....	.....	.....
19	29.08	21.20	25.82	23.25	18.60	.....	.....	.....	.....	.....	.....	.....
20	29.63	20.12	25.70	23.23	18.00	.....	.....	.....	.....	.....	.....	.....
21	30.28	18.77	25.47	23.70	17.50	.....	.....	.....	.....	.....	.....	.....
22	30.93	17.38	25 25	24.70	17.10	.....	.....	.....	.....	.....	.....	.....
23	31.35	16.07	25.00	25.90	16.70	.....	.....	.....	.....	.....	.....	.....
24	31.60	14.45	24.55	26.95	16.45	.....	.....	.....	.....	.....	.....	.....
25	31.77	12.95	23.95	27.90	16.25	.....	.....	.....	.....	.....	.....	.....
26	31.90	12.25	23.20	28.65	16.08	.....	.....	.....	.....	.....	.....	.....
27	31.90	11.65	22.35	29.70	15.95	.....	.....	.....	.....	.....	.....	.....
28	31.45	11.10	21 35	30.55	15.75	.....	.....	.....	.....	.....	.....	.....
29	30.55		20.35	30.83	15.55	.....	.....	.....	.....	.....	.....	.....
30	28.90		19.20	30.90	15.40	.....	.....	.....	.....	.....	.....	.....
31	26.75		18.05		15.88	.....	.....	.....	.....	.....	.....	.....

Mississippi River.—New Madrid, Mo., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.
1	19.90	21.15	13.20	16 40	29.85	17.65	21 71	11.89	10.87	9.51	9.15	10.70
2	21.70	19.82	13.00	16.10	29.13	19.50	20.85	12.30	11.52	9.26	8.79	10.64
3	22.28	18.30	12.82	15.90	28.11	20.53	19.93	12.50	12.08	9.19	8.70	10.70
4	22.45	17.35	12.90	15.94	27.23	21.66	19.05	12.55	12.43	9.17	9.20	10.76
5	22.15	17.27	13.48	16.25	26.65	22.31	18.22	12.50	12.74	9.21	10.47	10.67
6	21.95	17.05	14.18	16.90	26.01	22.90	17 55	12.36	13.12	9.25	12.25	10.47
7	22.38	17.07	15.15	18.19	25.28	23.19	16.95	12.22	13.60	9.28	13.42	10.20
8	22.68	17.45	16.72	19.40	24 53	23.01	16.36	11.98	13.91	9.52	14.14	10.05
9	23.15	17.85	18.25	20.05	23.64	22.61	16.10	12.12	13.85	9.71	14.65	9.95
10	24.10	18.27	19.91	20.75	22.82	22.03	16.07	12.55	13.62	9.55	15.60	10.30
11	25.18	18.75	21.02	22.05	22.12	21.25	16.29	12.94	14.04	9.11	17.45	10.58
12	25.95	19.30	21.46	23.25	21.60	20.75	16.41	13.24	14.60	8.55	18.85	10.60
13	26.26	19.90	21.61	24.04	21.18	20.38	16.40	13.70	14.75	7.90	19.78	10.80
14	26.46	20.50	22.18	24.35	20.76	20.08	16.26	14.09	14.73	7.35	20.26	11.23
15	26.50	21.05	23.14	24.24	20.34	19.91	16.07	14.35	14.79	6.80	20.40	12.25
16	26.60	21.34	23.89	23.80	19.88	20.08	15.85	14.58	15.35	6.40	20.34	12.99
17	27.20	21.26	24.50	23.22	19.28	21.65	15.57	15.05	16.02	6.06	20.18	13.38
18	28.15	20.58	25.08	22.48	18.59	23.10	15.37	14.95	16.28	5.84	19.72	13.90
19	28.68	19.80	25.05	22.21	17.96	23.96	15.27	14.41	16.17	5.65	19.00	14.85
20	29.40	18.75	24.68	22.53	17.31	24.36	15.07	13.65	16.10	5.40	17.78	16.32
21	30.20	17.32	24.46	23.43	16.73	24,45	14.64	12.95	16.06	5.31	16.30	17.70
22	30.83	16.28	24.16	24.60	16.36	24.65	14.11	12.52	15.97	5.78	14.87	18.60
23	31.15	15.25	23.88	25.65	16.11	24.66	13.50	12.02	15.49	6.35	13.90	19.05
24	31.32	14.65	23.38	26.63	15.96	24.51	12.95	11.62	14.75	6.60	13.05	18.65
25	31.37	14.36	22.76	27.54	15.80	24.42	12.45	11.34	13.90	7.22	12.35	17.25
26	31.42	13.90	21.86	28.68	15.65	24.24	11.96	11.06	13.08	8.35	11.75	15.70
27	31.26	13.60	20.82	29.75	15.48	23.93	11.55	10.71	12.18	9.39	11.35	14.75
28	30.65	13.40	19 80	30 50	15.28	23.47	11.25	10.37	11.27	10.28	11.11	14.22
29	28.75		18.78	30.47	15.16	22.95	11.20	10.11	10.45	10.45	11.08	13.85
30	26.32		17.88	30.23	15.42	22.40	11.43	10.06	9.90	10.25	10.90	13.53
31	23.62		16.99		16.15		11.62	10.32		9.70		13.30

Mississippi River.—New Madrid, Mo., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	13.12	20.98	26.90	31.35	25.35	20.82	23.05	7.60	.....	....	2.73	17.98
2	13.05	20.37	26.12	32.65	23.50	19.70	22.85	7.40	.....	....	2.66	17.74
3	13.40	19.80	25.50	33.53	22.02	18.50	22.25	7.20	.....	....	2.71	17.13
4	14.40	19.20	24.75	34.17	20.80	17.55	21.46	6.90	.....	....	2.72	16.21
5	16.12	18.64	24.10	34.90	19.90	17.15	20.60	6.70	.....	....	2.68	15.45
6	17.85	18.22	23.43	35.63	19.65	16.95	19.80	6.50	.....	....	2.60	14.65
7	19.45	17.77	22.65	36.10	19.55	16.45	19.02	6.40	.....	....	2.48	13.50
8	20.82	17.17	21.87	36.60	19.85	15.90	18.37	6.43	.....	....	2.38	11.50
9	21.85	16.62	21.25	37.09	20.85	15.65	17.87	6.89	.....	....	2.20	9.62
10	22.60	16.37	20.63	37.62	22.38	15.41	17.37	7.43	.....	....	2.03	8.33
11	22.97	16.47	19.88	38.06	23.87	15.28	16.90	7.96	.....	....	1.98	7.75
12	23.08	17.68	19.03	38.49	25.12	15.35	16.50	7.95	.....	....	1.94	7.40
13	23.00	21.50	18.18	38.90	26.33	15.90	16.13	7.75	.....	....	1.93	7.20
14	22.75	24.64	17.35	39.26	27.72	16.41	15.82	7.55	.....	....	1.97	7.02
15	22.00	26.22	16.59	39.50	29.20	16.75	15.53	7.38	.....	....	2.13	6.75
16	20.80	27.95	16.01	39.85	30.65	17.20	15.10	7.32	.....	....	2.25	6.58
17	19.50	29.09	15.55	40.00	31.46	17.63	14.57	7.22	.....	....	2.22	6.48
18	18.98	29.77	15.25	40.17	31.75	18.10	13.97	7.08	.....	....	2.24	6.30
19	18.40	30.15	15.12	40.26	31.75	18.55	13.39	6.85	.....	....	2.30	6.23
20	18.20	30.35	15.02	40.38	31.57	19.13	12.96	6.75	.....	....	2.40	6.65
21	18.35	30.62	15.02	40.29	31.18	19.58	12.47	6.75	.....	....	2.55	7.45
22	18.95	30.85	15.15	39.95	30.63	19.78	11.90	6.80	.....	....	2.90	8.78
23	19.30	30.65	15.53	39.50	29.83	19.84	11.31	6.87	.....	....	3.77	10.45
24	19.54	30.23	16.42	38.90	29.01	19.91	10.74	6.99	.....	2.55	4.88	12.40
25	19.95	29.85	18.26	38.15	28.23	20.02	10.25	7.51	.....	2.55	7.84	14.35
26	20.40	29.37	20.00	37.17	27.43	20.00	9.78	7.83	.....	2.50	10.24	16.25
27	20.80	28.65	22.10	35.85	26.45	20.07	9.33	7.79	.....	2.40	12.90	17.30
28	21.20	27.78	24.42	33.50	25.45	20.30	8.93	....	.....	2.13	14.95	16.70
29	21.56		26.50	30.27	24.40	21.00	8.61	....	.....	2.12	16.64	16.30
30	21.69		28.40	27.56	23.20	22.20	8.28	....	.....	2.33	17.65	15.90
31	21.45		30.00		22.00		7.83	....		2.48		15.67

Mississippi River.—Belmont, Mo., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	82.60	82.95	73.30	78.50	92.10	80.60	83.28	73.95	73.20	70.90	70.40	72.25
2	84.00	81.60	73.70	78.12	91.18	82.25	82.33	74.02	73.65	70.85	70.12	72.26
3	84.55	80.65	74.15	77.98	90.10	83.39	81.40	74.17	74.10	70.80	70.21	72.31
4	84.48	80.50	75.20	78.32	89.38	84.20	80.60	74.14	74.40	70.75	71.28	72.32
5	84.00	79.55	76.10	78.65	88.78	84.91	79.82	74.05	74.85	70.70	73.30	72.05
6	84.05	79.25	76.82	79.65	88.10	85.42	79.15	73.93	75.35	70.70	74.77	72.05
7	84.62	79.67	78.15	81.09	87.30	85.50	78.65	73.82	75.66	70.80	75.71	71.90
8	85.02	79.87	79.70	82.12	86.35	85.14	78.25	73.84	75.90	71.20	76.20	71.55
9	85.35	80.20	81.40	82.70	85.48	84.43	78.15	74.25	75.52	71.30	76.68	71.72
10	86.38	80.87	82.92	83.72	84.71	83.70	78.38	74.75	75.54	71.00	78.13	72.20
11	87.35	80.95	83.78	85.12	84.10	83.30	78.45	74.92	76.42	70.20	79.87	72.12
12	88.00	81.17	84.05	86.10	83.70	83.12	78.45	75.35	76.67	69.52	81.23	72.18
13	88.40	81.95	84.18	86.82	83.40	82.65	78.35	75.80	76.50	68.80	81.92	72.77
14	88.45	83.05	84.96	86.80	82.93	82.16	78.15	76.06	76.49	68.18	82.27	73.63
15	88.48	83.58	85.80	86.60	82.45	81.84	77.95	76.35	76.66	67.70	82.28	74.30
16	89.00	83.70	86.38	85.95	81.85	82.80	77.70	76.68	77.60	67.22	82.15	74.70
17	89.78	83.50	87.12	85.25	81.10	84.55	77.52	77.08	78.10	66.78	81.92	75.40
18	90.50	82.75	87.40	84.82	80.40	85.75	77.38	76.77	77.90	66.40	81.48	76.10
19	91.23	81.70	87.32	84.73	79.70	86.24	77.29	76.02	77.82	66.09	80.30	77.12
20	92.00	80.20	87.05	85.30	79.07	86.37	77.00	75 17	77.85	65.91	78.82	78.68
21	92.90	79.00	86.82	86.45	78.50	86.70	76.45	74.45	77.76	66.45	77.43	80.02
22	93.38	77.75	86.60	87.62	78.25	86.75	75.85	73.90	77.47	67.25	76.20	80.55
23	93.68	76.20	86.15	88.65	78.05	86.55	75.22	73.54	76.83	67.62	75.22	80.45
24	93.95	74.55	85.55	89.55	77.91	86.49	74.65	73.15	76.00	67.93	74.31	79.40
25	94.00	74.25	84.82	90.50	77.78	86.38	74.20	72.93	75.10	69.08	73.69	78.12
26	94.05	73.65	83.95	91.90	77.62	86.12	73.78	72.52	74.20	70.65	73.28	76.98
27	93.65	73.15	82.95	92.88	77.43	85.80	73.32	72.10	73.30	71.72	73.05	76.20
28	92.42	73.08	81.85	93.23	77.15	85.28	73.14	71.84	72.50	72.01	72.84	75.80
29	90.50		80.70	93.08	77.15	84.73	73.40	71.70	71.80	71.90	72.59	75.40
30	87.90		79.70	92.65	77.60	84.13	73.68	71.90	71.30	71.45	72.35	75.15
31	85.05		78.98		78.75		73.81	72.48		70.90		74.95

Mississippi River.—Belmont, Mo., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	74.66	82.72	88.89	94.20	86.42	82.48	85.34	69.34	68.49	64.86	63.23	80.05
2	74.70	82.07	88.19	95.30	84.72	81.45	84.87	69.03	68.20	64 96	63.28	79.67
3	75.25	81.23	87.46	96.55	83.43	80.75	84.18	68.60	67.75	65.23	63.30	78.85
4	76.72	80.25	86.78	97.70	82.42	80.12	83.37	68.23	67.23	65.55	63.28	77.87
5	78.55	79.40	86.07	98.41	81.84	79.50	82.55	68.06	67.00	65.75	63.15	76.65
6	80.25	78.80	85.35	99.06	81.55	78.85	81.23	67.95	67.10	65.98	63.02	75.05
7	81.75	78.36	84.59	99.48	81.55	78.31	80.96	68.08	67.35	66.08	62.93	73.32
8	83.15	77.90	83.78	99.77	82.15	77.90	80.40	68.53	67.25	65.95	62.83	71.80
9	84.20	76.47	83.07	100.15	83.55	77.65	79.85	69.15	67.01	65.75	62.73	70.15
10	84.95	76.70	82.25	100.60	85.30	77.45	79.25	69.68	66.53	65.55	62.60	69.15
11	85.48	77.23	81.38	101.05	86.80	77.36	78.65	69.90	66.05	65.35	62.43	68.78
12	85.15	79.79	80.47	101.35	88.00	77.81	78.18	69.80	65.60	65.17	62.40	68.63
13	85.05	85.55	79.63	101.56	89.20	78.35	77.87	69.60	65.20	65.10	62.45	68.35
14	84.60	87.12	78.82	101.84	90.85	78.78	77.58	69.45	64.82	65.15	62.58	68.05
15	83.45	88.71	78.15	102.04	92.70	79.12	77.27	69.23	64.52	64.95	62.54	67.70
16	82.12	90.60	77.65	102.20	93.87	79.65	76.85	68.82	64.24	64.73	62.55	67.36
17	81.25	91.46	77.18	102.36	94.48	80.10	76.13	68.44	64.14	64.42	62.76	67.20
18	80.57	92.00	76.97	102.52	94.62	80.50	75.44	68.26	64.68	64.10	62.94	67.12
19	80.18	92.55	76.83	102.57	94.50	81.05	74.93	68.12	65.20	63.73	63.10	67.53
20	80.22	92.88	76.73	102.49	94.25	81.63	74.58	68.09	65.40	63.45	63.10	68.30
21	80.40	93.14	76.80	102.30	93.78	81.98	74.02	67.95	65.08	63.25	63.45	69.62
22	80.85	93.14	77.09	102.01	93.18	82.07	73.35	67.85	64.90	63.12	64.48	71.52
23	81.08	92.85	77.62	101.56	92.38	82.31	72.75	68.23	65.00	63.10	65.53	73.25
24	81.48	92.45	78.75	100.87	91.57	82.50	72.22	68.80	65.02	63.13	67.62	74.90
25	82.05	92.12	80.68	99.90	90.58	82.35	71.79	69.12	64.87	63.15	71.45	76.43
26	82.50	91.51	82.70	98.54	89.58	82.22	71.34	69.07	64.67	63.07	73.95	77.28
27	82.88	90.57	84.70	96.57	88.55	82.40	70.87	68.91	64.45	62.91	75.80	77.55
28	83.24	89.72	86.85	93.98	87.50	82.85	70.40	68.80	64.55	62.77	77.75	77.38
29	83.56		89.05	91.10	86.25	83.90	70.08	68.80	64.75	62.78	79.25	77.30
30	83.65		91.05	88.54	85.05	85.25	69.85	68.80	64.85	62.95	80.05	77.20
31	83.35		92.75		83.75		69.58	68.68		63.14		77.05

Ohio River.—Cairo, Ill., 1885.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	26.50	27.03	16 50	21.93	36.84	24.12	27.04	16 43	15.80	13.60	13 18	15 27
2	28.20	25.42	16.58	21.52	35.70	26.05	26.02	16.61	16.40	13.37	12.90	15.27
3	28.78	24 30	17.38	21.25	34.54	27.35	25.00	16.68	16 84	13.41	12.92	15.38
4	28.75	?24.36	18.83	21.72	33.80	28.25	24.08	16.72	17.22	13.47	14.02	15.45
5	28.12	23.23	19.15	22.05	33.18	29.10	23.25	16.62	17.75	13.47	16.20	15.05
6	28.12	22.85	20.20	23.10	32.43	29.70	22.52	16.50	18.35	13.44	17.95	15.18
7	28.75	23.25	21.48	24.80	31.54	29 85	21 90	16.45	18.77	13.56	19.00	14.85
8	28.90	23.50	23.15	25.73	30.50	29.43	21.42	16.38	19.05	14.04	19.64	14.65
9	29.55	23.80	25.20	26.55	29.55	28.64	21.25	16.83	18.65	14.13	20.08	14.60
10	30.70	24.55	26.95	27.80	28.68	27.80	21.46	17.40	18.46	13.72	21.72	15.22
11	31.80	24.80	27.86	29.38	28.03	27.28	21.60	17.77	19.53	13.00	23.75	15.14
12	32.50	25.06	28.10	30.60	27.56	27.08	21.62	18.33	19.70	12.20	25.33	15.20
13	32.87	25.90	28.20	31.25	27.23	26.50	21.50	18.90	19.65	11.43	26.15	15.90
14	32.92	27.28	29.00	31.50	26.75	25.88	21.30	19.27	19.60	10.72	26.48	16.83
15	32.82	27.85	29.84	31.15	26.23	25.50	21.13	19 54	19.70	10.21	26.48	17 60
16	33.30	27.90	30.42	30.47	25.60	26.34	20.88	19.92	20.78	9.73	26.35	18.12
17	34.30	27.70	31.30	29.68	24.81	28.20	20.60	20.47	21.40	9.25	26.12	18.60
18	35.12	26.75	31.68	29.13	23.97	29.48	20.50	20.16	21.27	8.84	25.60	19.45
19	35.95	25.70	31.35	29.04	23.18	30.23	20.40	19.27	21.20	8.55	24.35	20.84
20	36.80	24.05	31.20	29.70	22.42	30.35	20.06	18.30	21.23	8.30	22.80	22.70
21	37.80	22.70	31.03	31.02	21.82	30.68	19.45	17.45	21.23	8.90	21.12	24.15
22	38.25	21.23	30 75	32.35	21.43	30.80	18.75	16.84	20.98	9.74	19.70	24.75
23	38.58	19.40	30.35	33.50	21.20	30.60	18.04	16.40	20.32	10.12	18.55	24.52
24	38.90	17.52	29.70	34.43	21.00	30.48	17.34	15.95	19.34	10.40	17.65	23.47
25	38.90	17.34	28.93	35.44	20.85	30.38	16.80	15.72	18.30	11.52	16.87	22.05
26	39.00	16.60	28.00	36.97	20.64	30.14	16.25	15.30	17.30	13.37	16.42	20.73
27	38.53	15.97	26.88	37.95	20.40	29.80	15.75	14.81	16.40	14.58	16.13	19.90
28	37.20	15.89	25.70	38.22	20.13	29.20	15.48	14.47	15.40	14.93	15.90	19.40
29	35.17		24.47	38.00	20.13	28.58	15.73	14.34	14.55	14.73	15.65	18.93
30	32.50		23.30	37.58	20.70	27.95	16.05	14.52	13.98	14.35	15.40	18.65
31	29.30		22.45		21.97		16.22	15.05		13.75		18.40

Ohio River.—Cairo, Ill., 1886.

Day	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	18.15	27.34	33.75	39.78	30.33	26.28	29.60	10.90	10.32	6.20	4.45	23.90
2	18.00	26.60	32.96	41.05	28.47	25.02	29.17	10.60	10.00	6.30	4.54	23.40
3	18.60	25.68	32.23	42.60	27.00	24.20	28.40	10.20	9.55	6.61	4.63	22.65
4	20.32	24.58	31.48	44.25	25.93	23.44	27.53	9.77	9.00	6.97	4.56	21.40
5	22.40	23.77	30.72	45.25	25.18	22.72	26.63	9.50	8.61	7.25	4.45	19.90
6	24.40	23.03	29.95	45.98	24.83	21.97	25.77	9.48	8.70	7.52	4.30	18.12
7	26.10	22.50	29.10	46.65	24.83	21.33	24.80	9.58	8.96	7.64	4.30	16.20
8	27.42	21.96	28.22	47.25	25.50	20.92	24.08	10.10	9.00	7.55	4.17	14.32
9	28.70	21.32	27.40	47.80	27.20	20.60	23.47	10.95	8.68	7.34	4.10	12.55
10	29.60	20.72	26.55	48.33	29.35	20.40	22.83	11.60	8.15	7.00	3.95	11.40
11	30.23	20.95	25.60	48.85	31.00	20.28	22.07	11.82	7.55	6.75	3.80	10.80
12	29.90	23.78	24.60	49.32	32.33	20.73	21.50	11.74	7.04	6.63	3.80	10.80
13	29.85	30.60	23.62	49.67	33.68	21.45	21.15	11.50	6.58	6.60	3.88	10.43
14	29.37	32.00	22.80	49.97	35.57	21.92	20.90	11.30	6.15	6.65	4.03	10.15
15	28.00	33.62	22.02	50.22	37.70	22.40	20.45	11.04	5.80	6.45	4.00	9.54
16	26.53	35.87	21.35	50.45	39.13	23.00	19.78	10.62	5.52	6.17	3.98	9.42
17	25.66	36.83	20.87	50.70	39.77	23.62	18.96	10.09	5.33	5.86	4.30	9.25
18	24.83	37.35	20.67	50.93	39.87	24.02	18.20	9.82	5.95	5.45	4.55	9.12
19	24.47	37.95	20.50	50.98	39.75	24.68	17.63	9.70	6.60	5.08	4.73	9.50
20	24.60	38.27	20.40	50.80	39.44	25.47	17.14	9.60	6.82	4.75	4.65	10.27
21	24.78	38.52	20.45	50.48	38.95	25.90	16.50	9.52	6.50	4.45	4.93	11.85
22	25.35	38.52	20.73	50.02	38.25	25.95	15.68	9.35	6.27	4.34	6.32	13.94
23	25.54	38.08	21.30	49.28	37.40	26.30	14.93	9.80	6.40	4.32	7.45	15.97
24	26.00	37.72	22.53	48.18	36.50	26.57	14.34	10.55	6.44	4.40	9.38	17.90
25	26.63	37.35	24.58	46.65	35.48	26.40	13.82	11.00	6.22	4.38	13.97	19.83
26	27.12	36.67	26.75	44.50	34.35	26.22	13.28	10.97	5.98	4.30	16.75	20.88
27	27.50	35.67	29.00	41.60	33.18	26.45	12.73	10.75	5.75	4.22	18.80	21.07
28	27.94	34.65	31.68	38.38	32.08	26.93	12.20	10.60	5.87	4.00	21.22	20.98
29	28.27		34.13	35.30	30.67	27.87	11.83	10.60	6.10	3.98	23.04	20.83
30	28.38		36.30	32.62	29.30	29.50	11.54	10.60	6.25	4.18	23.85	20.80
31	28.03		38.30		27.77		11.22	10.43		4.35		20.47

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